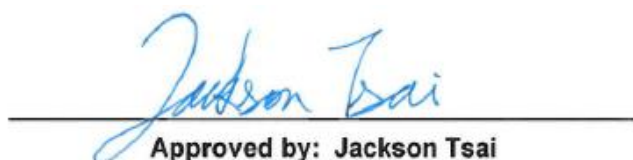


FCC Radio Test Report

FCC ID : 2A4CASOLITAIRET
Equipment : Wireless Headphones
Brand Name : T+A
Model Name : Solitaire T
Applicant : T+A Elektroakustik GmbH & Co.KG
Planckstr. 9 – 11, 32052 Herford, Germany
Manufacturer : T+A Elektroakustik GmbH & Co.KG
Planckstr. 11, 32052 Herford, Germany
Standard : 47 CFR FCC Part 15.247

The product was received on Jan. 12, 2022, and testing was started from Jan. 19, 2022 and completed on Mar. 25, 2022. We, SPORTON INTERNATIONAL INC. Hsinhua Laboratory, would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.10-2013 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC. Hsinhua Laboratory, the test report shall not be reproduced except in full.



Approved by: Jackson Tsai

SPORTON INTERNATIONAL INC. Hsinhua Laboratory

No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.)

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PHOTOGRAPHS OF EUT V01	



History of this test report

[illegible]

Summary of Test Result

Report Clause	Ref. Std. Clause	Test Items	Result (PASS/FAIL)	Remark
1.1.2	15.203	Antenna Requirement	PASS	-
3.1	15.207	AC Power-line Conducted Emissions	PASS	-
3.2	15.247(a)	20dB Bandwidth	PASS	-
3.2	15.247(a)	Carrier Frequency Separation	PASS	-
3.3	15.247(b)	Maximum Conducted Output Power	PASS	-
3.4	15.247(a)	Number of Hopping Frequencies and Hopping Bandedge	PASS	-
3.5	15.247(a)	Time of Occupancy (Dwell Time)	PASS	-
3.6	15.247(d)	Emissions in Non-restricted Frequency Bands	PASS	-
3.7	15.247(d)	Emissions in Restricted Frequency Bands	PASS	-

Declaration of Conformity:

The test results with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers.

Comments and explanations:

None

Reviewed by: Ben Tseng

Report Producer: Anne Kuo

1 General Description

1.1 Information

1.1.1 RF General Information

Frequency Range (MHz)	Bluetooth Version	Ch. Frequency (MHz)	Channel Number
2400-2483.5	BR / EDR	2402-2480	0-78 [79]

Band	Mode	BWch (MHz)	Nant
2.4-2.4835GHz	BT-BR(1Mbps)	1	1TX
2.4-2.4835GHz	BT-EDR(2Mbps)	1	1TX
2.4-2.4835GHz	BT-EDR(3Mbps)	1	1TX

Note:

- Bluetooth BR uses a GFSK (1Mbps).
- Bluetooth EDR uses a combination of $\pi/4$ -DQPSK (2Mbps) and 8DPSK (3Mbps).
- Bluetooth BR/EDR uses as a system using FHSS modulation.
- BWch is the nominal channel bandwidth.

1.1.2 Antenna Information

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1	T+A	Solitaire_T	Printed Antenna	N/A	0.6

Note 1: The EUT has one antenna.

For BT function:

For IEEE 802.15.1 Bluetooth mode (1TX/1RX)

Only Ant. 1 (port 1) can be used as transmitting/receiving.

1.1.3 EUT Information

Operational Condition			
EUT Power Type	From Power Adapter / From Host System		
EUT Function	☒ Point-to-multipoint	☐ Point-to-point	
Type of EUT			
☒	Stand-alone		
☐	Combined (EUT where the radio part is fully integrated within another device)		
	Combined Equipment - Brand Name / Model No.: ...		
☐	Plug-in radio (EUT intended for a variety of host systems)		
	Host System - Brand Name / Model No.: ...		
☐	Other:		

**1.1.4 Mode Test Duty Cycle**

Mode	DC	DCF(dB)	T(s)	VBW(Hz) $\geq 1/T$
BT-BR(1Mbps)	0.743	1.29	2.893m	1k
BT-EDR(2Mbps)	0.787	1.04	2.898m	1k
BT-EDR(3Mbps)	0.782	1.07	2.899m	1k

Note. If $DC < 0.98$, the DCF was added while measuring Output power and PSD.

1.1.5 Table for Multiple Listing

The samples in the following table are all refer to the identical product.

Model Name	Sample	Enclosure Color
Solitaire T	1	White
	2	Black

1.2 Testing Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ 47 CFR FCC Part 15
- ♦ ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of TAF:

- ♦ KDB 558074 D01 v05r02
- ♦ KDB 414788 D01 v01r01

1.3 Testing Location Information

Test Lab. : Sporton International Inc. Hsinhua Laboratory				
☒ Hsinhua (TAF: 3785)	ADD: No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan (R.O.C.) TEL: 886-3-327-3456 FAX: 886-3-327-0973			
Test site Designation No. TW3785 with FCC.				
Test Condition	Test Site No.	Test Engineer	Test Environment	Test Date
AC Conduction (USB Mode)	CO04-HY	Daniel Lin	20.7~21.4°C / 54~58%	21/Jan/2022
AC Conduction (Adapter Mode)	CO04-HY	Jack Tang	21.5~22.3°C / 51~59%	24/Mar/2022~25/Mar/2022
RF Conducted	TH01-HY	Johnny Yu	21.3~26.5°C / 50~60%	19/Jan/2022
Radiated	03CH02-HY	Daniel Lin	20.4~22.1°C / 56~59%	20/Jan/2022~25/Mar/2022
☐ Wen 33rd.St. (TAF: 3785)	ADD: No.14-1, Ln. 19, Wen 33rd St., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: 886-3-318-0787 FAX: 886-3-318-0287			
Test site Designation No. TW0008 with FCC.				

1.4 Measurement Uncertainty

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

Test Items	Uncertainty	Remark
Conducted Emission (150kHz ~ 30MHz)	0.9 dB	Confidence levels of 95%
Radiated Emission (9kHz ~ 30MHz)	2.4 dB	Confidence levels of 95%
Radiated Emission (30MHz ~ 1,000MHz)	3.7 dB	Confidence levels of 95%
Radiated Emission (1GHz ~ 18GHz)	3.6 dB	Confidence levels of 95%
Radiated Emission (18GHz ~ 40GHz)	3.5 dB	Confidence levels of 95%
Conducted Emission	1.0 dB	Confidence levels of 95%
Temperature	0.41 °C	Confidence levels of 95%
Humidity	3.4 %	Confidence levels of 95%

2 Test Configuration of EUT

2.1 Test Channel Mode

Test Software Version	BlueTest 3
-----------------------	------------

Mode	Power Setting
BT-BR(1Mbps)	-
2402MHz	1
2440MHz	1
2480MHz	1
BT-EDR(2Mbps)	-
2402MHz	1
2440MHz	1
2480MHz	1
BT-EDR(3Mbps)	-
2402MHz	1
2440MHz	1
2480MHz	1

2.2 The Worst Case Measurement Configuration

The Worst Case Mode for Following Conformance Tests	
Tests Item	AC power-line conducted emissions
Condition	AC power-line conducted measurement for line and neutral Test Voltage: 120Vac / 60Hz
Operating Mode	CTX
1	USB Mode
2	Adapter mode

The Worst Case Mode for Following Conformance Tests	
Tests Item	20dB Bandwidth Carrier Frequency Separation Maximum Conducted Output Power Number of Hopping Frequencies Hopping Bandedge Time of Occupancy (Dwell Time) Emissions in Non-restricted Frequency Bands
Test Condition	Conducted measurement at transmit chains ☒ Non-adaptive frequency hopping systems (Non-AFH) ☒ adaptive frequency hopping systems (AFH)
Non-AFH Mode configuration was found to be the worst case and measured during the test.	

The Worst Case Mode for Following Conformance Tests		
Tests Item	Emissions in Restricted Frequency Bands	
Test Condition	Radiated measurement If EUT consist of multiple antenna assembly (multiple antenna are used in EUT regardless of spatial multiplexing MIMO configuration), the radiated test should be performed with highest antenna gain of each antenna type.	
Operating Mode < 1GHz	CTX	
1	USB Mode	
2	Adapter mode	
Operating Mode > 1GHz	CTX	
Orthogonal Planes of EUT	Y Plane	Z Plane
		
Worst Planes of EUT		V

2.3 Accessories

Accessories				
Battery	Brand Name	SHENZHEN KAYO BATTERY CO.,LTD	Model Name	KPL783938
	Power Rating	3.7V, 1200mAh, 4.44Wh	Type	Rechargeable Li-ion Battery Pack
USB Cable	Brand Name	T+A	Model Name	4021XW01947ZAU
	Signal Line	1400mm, D-shielded cable, w/o ferrite core		
Audio Cable-1	Brand Name	T+A	Model Name	4021XW01945ZAG
	Signal Line	1400mm, non-shielded cable, w/o ferrite core		
Audio Cable-2	Brand Name	T+A	Model Name	4021XW01946ZAG
	Signal Line	1400mm, non-shielded cable, w/o ferrite core		
Connector (3.5mm to 6.3mm)	Brand Name	T+A	Model Name	2031JP00034ZB
Connector (3.5mm to two 3.5mm)	Brand Name	T+A	Model Name	2031JP00060ZA

Reminder: Regarding to more detail and other information, please refer to user manual.

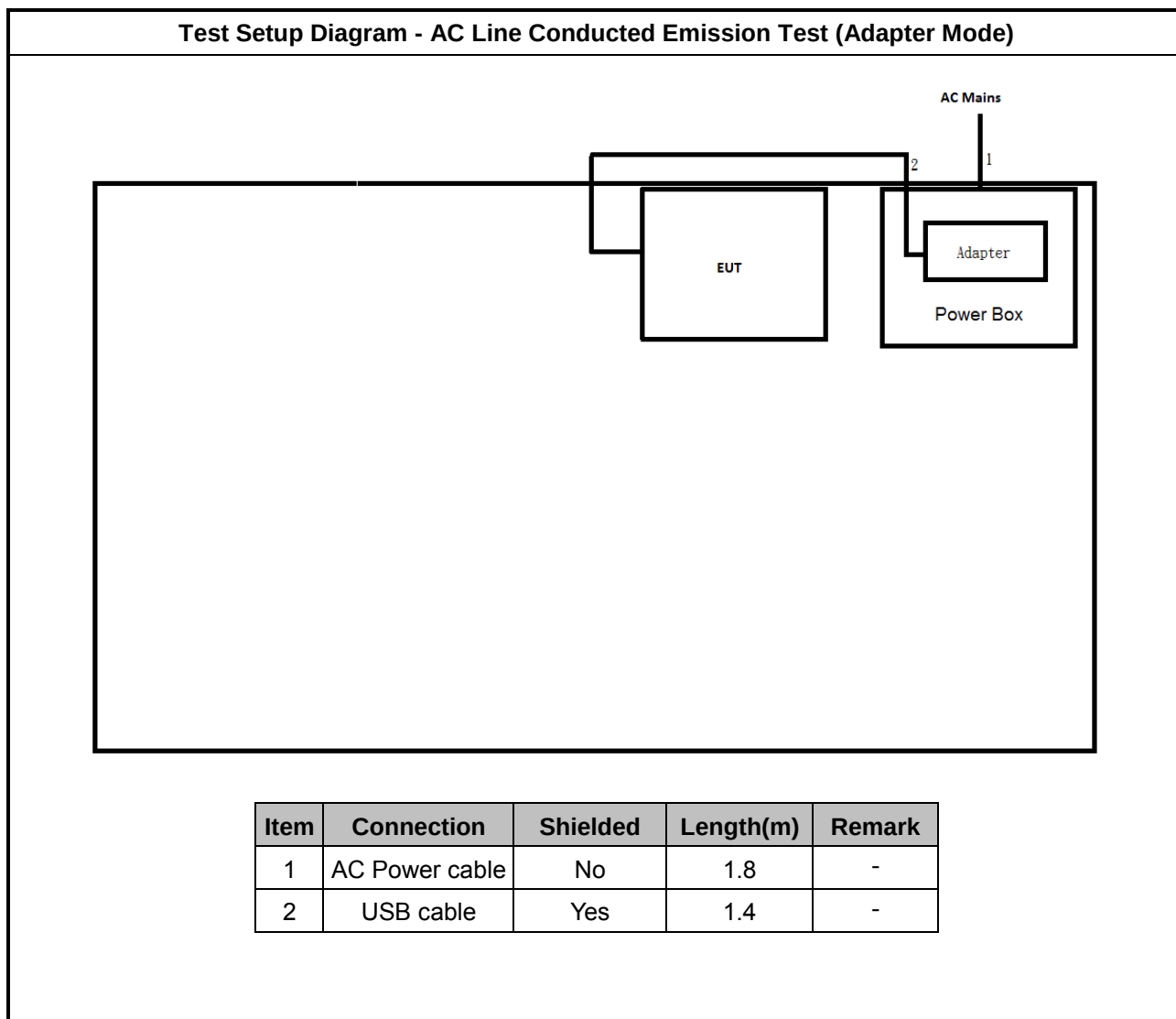
2.4 Support Equipment

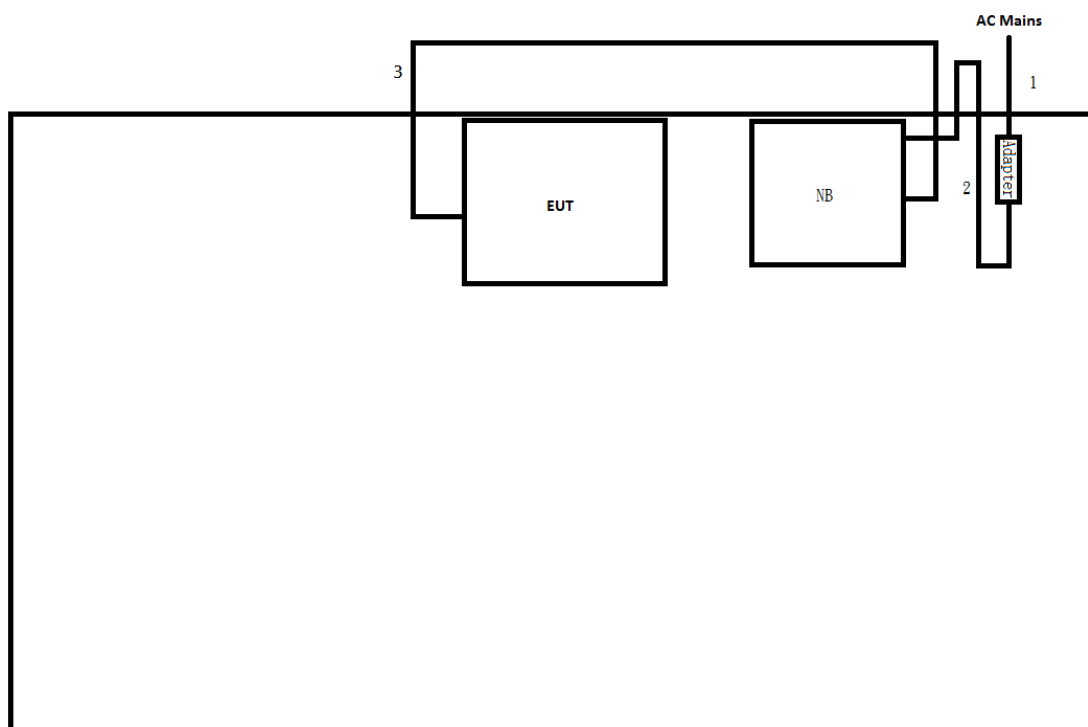
Support Equipment – AC Conduction					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power Cable	Power sync	AC Power Cable	-	-
2	Adapter (For NB)	HP	HSTNN-CA40	-	-
3	Notebook	HP	HSTNN-142C	-	-
4	Adapter	VissKO	HKL-57S	-	-

Support Equipment – Conducted					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	Notebook	HP	HSTNN-I42C	-	-
2	Adapter for NB	HP	HSTNN-CA40	-	-
3	DC Power Supply	DW	GPC-6030D	-	-

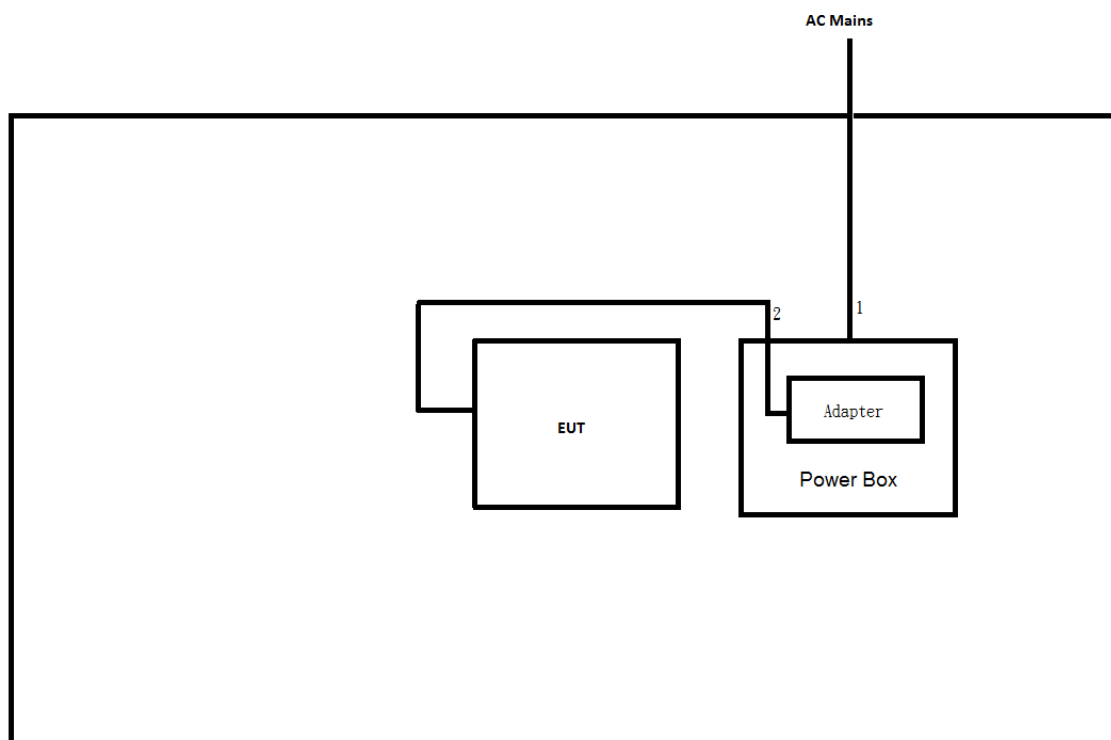
Support Equipment – Radiated					
No.	Equipment	Brand Name	Model Name	FCC ID	Remark
1	AC Power Cable	Power sync	AC Power Cable	-	-
2	Adapter (For NB)	HP	HSTNN-CA40	-	-
3	Notebook	HP	HSTNN-142C	-	-
4	Adapter	VissKO	HKL-57S	-	-

2.5 Test Setup Diagram

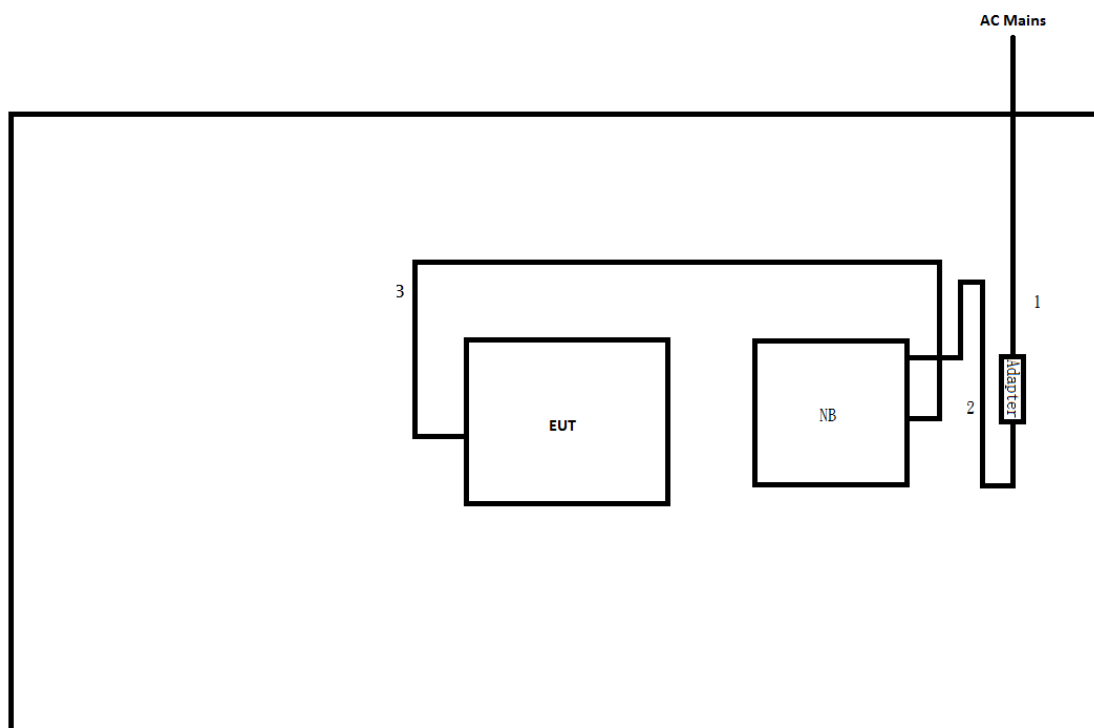


Test Setup Diagram - AC Line Conducted Emission Test (USB Mode)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	USB cable	Yes	1.4	-

Test Setup Diagram - Radiated Test (Adapter Mode)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	USB cable	Yes	1.4	-

Test Setup Diagram - Radiated Test (USB Mode)


Item	Connection	Shielded	Length(m)	Remark
1	AC Power cable	No	1.8	-
2	DC Power cable	No	1.8	-
3	USB cable	Yes	1.4	-

3 Transmitter Test Result

3.1 AC Power-line Conducted Emissions

3.1.1 AC Power-line Conducted Emissions Limit

AC Power-line Conducted Emissions Limit		
Frequency Emission (MHz)	Quasi-Peak	Average
0.15-0.5	66 - 56 *	56 - 46 *
0.5-5	56	46
5-30	60	50
Note 1: * Decreases with the logarithm of the frequency.		

3.1.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.1.3 Test Procedures

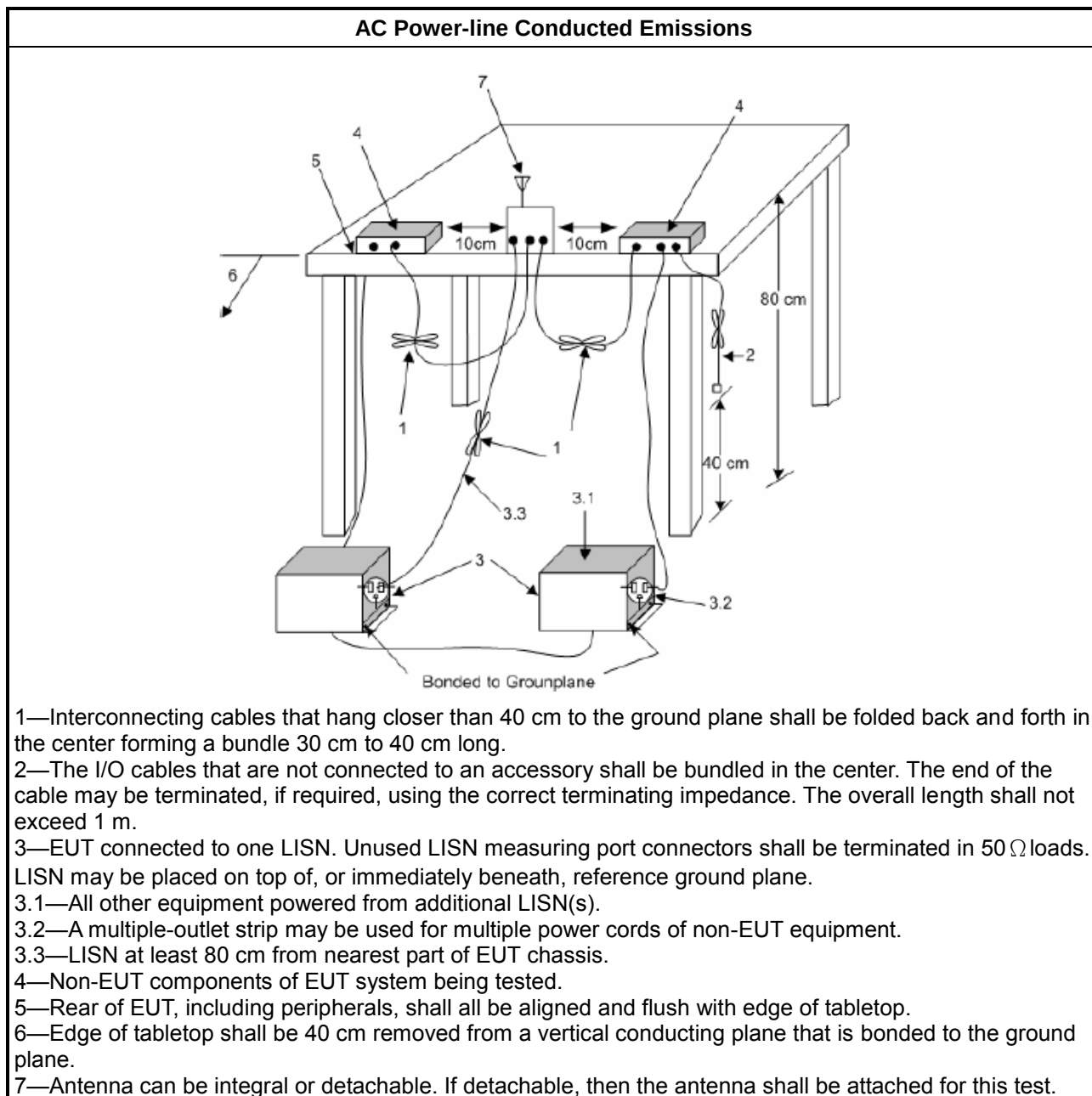
Test Method
Refer as ANSI C63.10-2013, clause 6.2 for AC power-line conducted emissions.

3.1.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + LISN(LISN Factor) + CL(Cable Loss) + AT(Attenuator).

3.1.5 Test Setup



3.1.6 Test Result of AC Power-line Conducted Emissions

Refer as Appendix A

3.2 20dB Bandwidth and Carrier Frequency Separation

3.2.1 20dB Bandwidth and Carrier Frequency Separation Limit

20dB Bandwidth and Carrier Frequency Separation Limit for Frequency Hopping Systems	
▪	2400-2483.5 MHz Band:
	▪ $N \geq 75$ and $ChS \geq MAX$ (20 dB bandwidth, 25 kHz).
	▪ $75 > N \geq 15$ and $ChS \geq MAX$ (20 dB bandwidth 2/3, 25 kHz).
N: Number of Hopping Frequencies; ChS: Hopping Channel Separation	

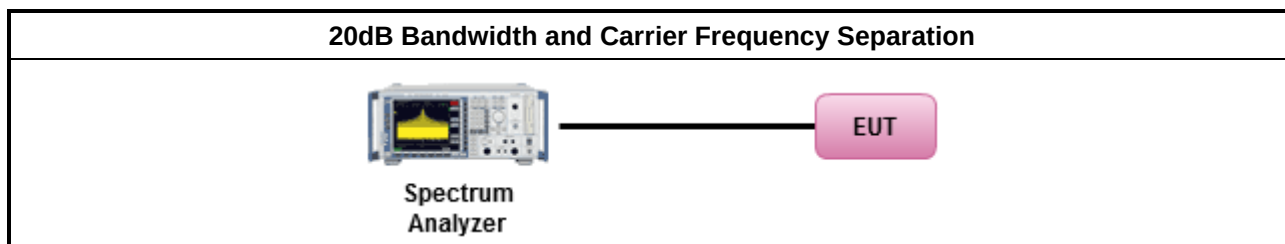
3.2.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.2.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 6.9.2 for 20 dB bandwidth measurement.
▪ Refer as ANSI C63.10-2013, clause 7.8.2 for carrier frequency separation measurement.

3.2.4 Test Setup



3.2.5 Test Result of 20dB Bandwidth

Refer as Appendix B

3.2.6 Test Result of Carrier Frequency Separation

Refer as Appendix B

3.3 Maximum Conducted Output Power

3.3.1 Maximum Conducted Output Power Limit

Maximum Conducted Output Power Limit	
▪ 2400-2483.5 MHz Band:	
	▪ $N \geq 75$; Power 30dBm; EIRP 36dBm
	▪ $75 > N \geq 15$; Power 21dBm; EIRP 27dBm
N: Number of Hopping Frequencies	

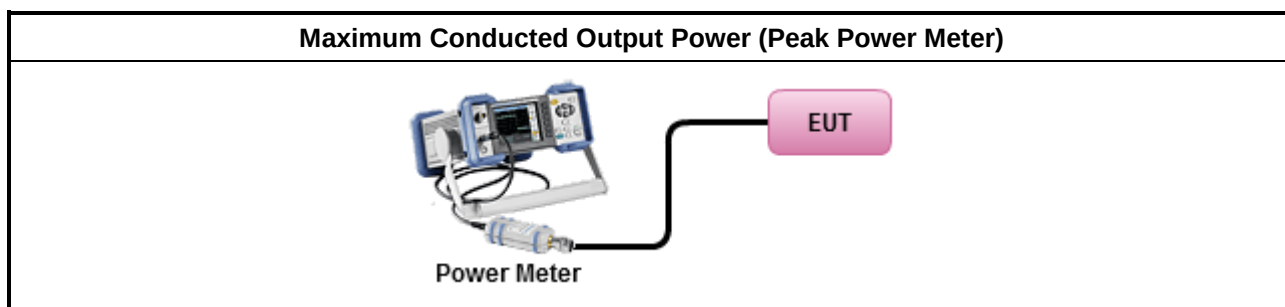
3.3.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.3.3 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 7.8.5 for output power measurement.

3.3.4 Test Setup



3.3.5 Test Result of Maximum Conducted Output Power

Refer as Appendix C

3.4 Number of Hopping Frequencies and Hopping Bandedge

3.4.1 Number of Hopping Frequencies Limit

Number of Hopping Frequencies Limit	
▪	2400-2483.5 MHz Band:
	▪ $N \geq 75$ and $ChS \geq MAX$ (20 dB bandwidth, 25 kHz).
	▪ $75 > N \geq 15$ and $ChS \geq MAX$ (20 dB bandwidth 2/3, 25 kHz).
N: Number of Hopping Frequencies; ChS : Hopping Channel Separation	

3.4.2 Hopping Bandedge Limit

Refer clause 3.6.1 and clause 3.7.1

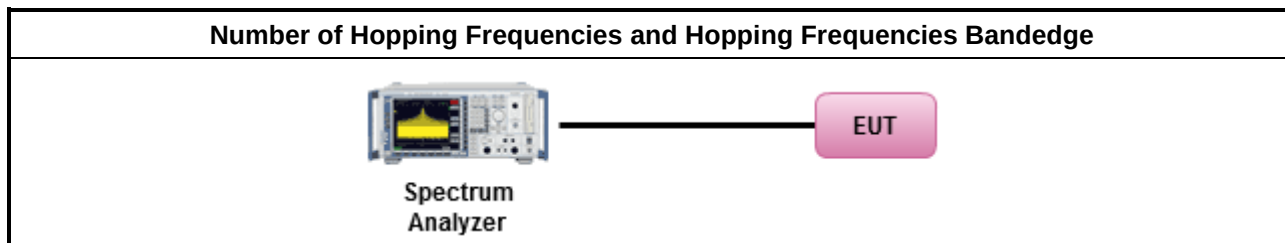
3.4.3 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.4.4 Test Procedures

Test Method
▪ Refer as ANSI C63.10-2013, clause 7.8.3 for number of hopping frequencies measurement.
▪ Refer as ANSI C63.10-2013, clause 7.8.6 for hopping frequencies Bandedge measurement.

3.4.5 Test Setup



3.4.6 Test Result of Number of Hopping Frequencies

Refer as Appendix D

3.4.7 Test Result of Number of Hopping Frequencies Bandedge

Refer as Appendix D

3.5 Time of Occupancy (Dwell Time)

3.5.1 Time of Occupancy (Dwell Time) Limit

Time of Occupancy (Dwell Time) Limit for Frequency Hopping Systems	
2400-2483.5 MHz Band:	
	$N \geq 75$; 0.4s in $N \times 0.4$ period
	$75 > N \geq 15$; 0.4s in $N \times 0.4$ period
N: Number of Hopping Frequencies	

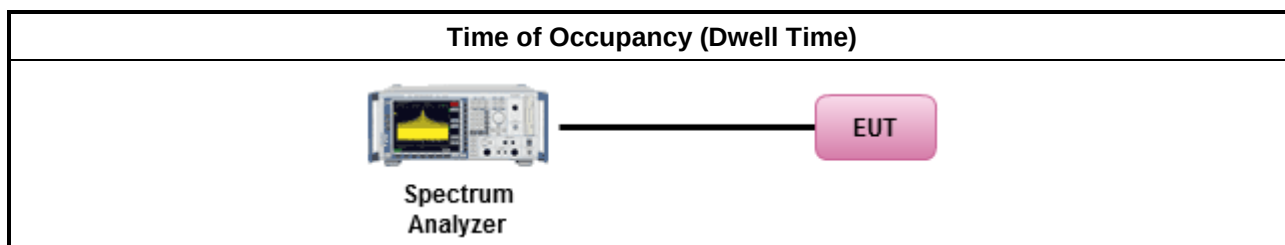
3.5.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.5.3 Test Procedures

Test Method	
Refer as ANSI C63.10-2013, clause 7.8.4 for dwell time measurement.	
Bluetooth ACL packets can be 1, 3, or 5 time slots. Following as dwell time. Operate DH5 at maximum dwell time and maximum duty cycle.	
	The DH5 packet can cover up to 5 time slots. Operate DH5 at maximum dwell time and maximum duty cycle. A maximum length packet has duration of 5 time slots. The hopping rate is 1600 hops/second so the maximum dwell time is $5/1600$ seconds, or 3.125ms. DH5 Packet permit maximum $1600 / 79 / 6 = 3.37$ hops per second in each channel.

3.5.4 Test Setup



3.5.5 Test Result of Time of Occupancy (Dwell Time)

Refer as Appendix E

3.6 Emissions in Non-restricted Frequency Bands

3.6.1 Emissions in Non-restricted Frequency Bands Limit

Un-restricted Band Emissions Limit	
RF output power procedure	Limit (dB)
Peak output power procedure	20
Note 1: If the peak output power procedure is used to measure the fundamental emission power to demonstrate compliance to requirements, then the peak conducted output power measured within any 100 kHz outside the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum measured in-band peak PSD level.	

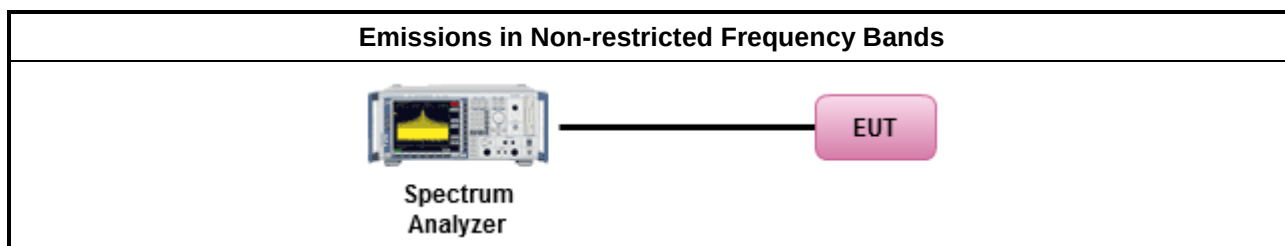
3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method
Refer as ANSI C63.10-2013, clause 7.8.8 for unwanted emissions into non-restricted bands.

3.6.4 Test Setup



3.6.5 Test Result of Emissions in Non-restricted Frequency Bands

Refer as Appendix F

3.7 Emissions in Restricted Frequency Bands

3.7.1 Emissions in Restricted Frequency Bands Limit

Restricted Band Emissions Limit			
Frequency Range (MHz)	Field Strength (uV/m)	Field Strength (dBuV/m)	Measure Distance (m)
0.009~0.490	2400/F(kHz)	48.5 - 13.8	300
0.490~1.705	24000/F(kHz)	33.8 - 23	30
1.705~30.0	30	29	30
30~88	100	40	3
88~216	150	43.5	3
216~960	200	46	3
Above 960	500	54	3

Note 1: Test distance for frequencies at or above 30 MHz, measurements may be performed at a distance other than the limit distance provided they are not performed in the near field and the emissions to be measured can be detected by the measurement equipment. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse of linear distance for field-strength measurements, inverse of linear distance-squared for power-density measurements).

Note 2: Test distance for frequencies at below 30 MHz, measurements may be performed at a distance closer than the EUT limit distance; however, an attempt should be made to avoid making measurements in the near field. When performing measurements below 30 MHz at a closer distance than the limit distance, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two or more distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB / decade). The test report shall specify the extrapolation method used to determine compliance of the EUT.

Note 3: Using the distance of 1m during the test for above 18 GHz, and the test value to correct for the distance factor at 3m.

3.7.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.7.3 Test Procedures

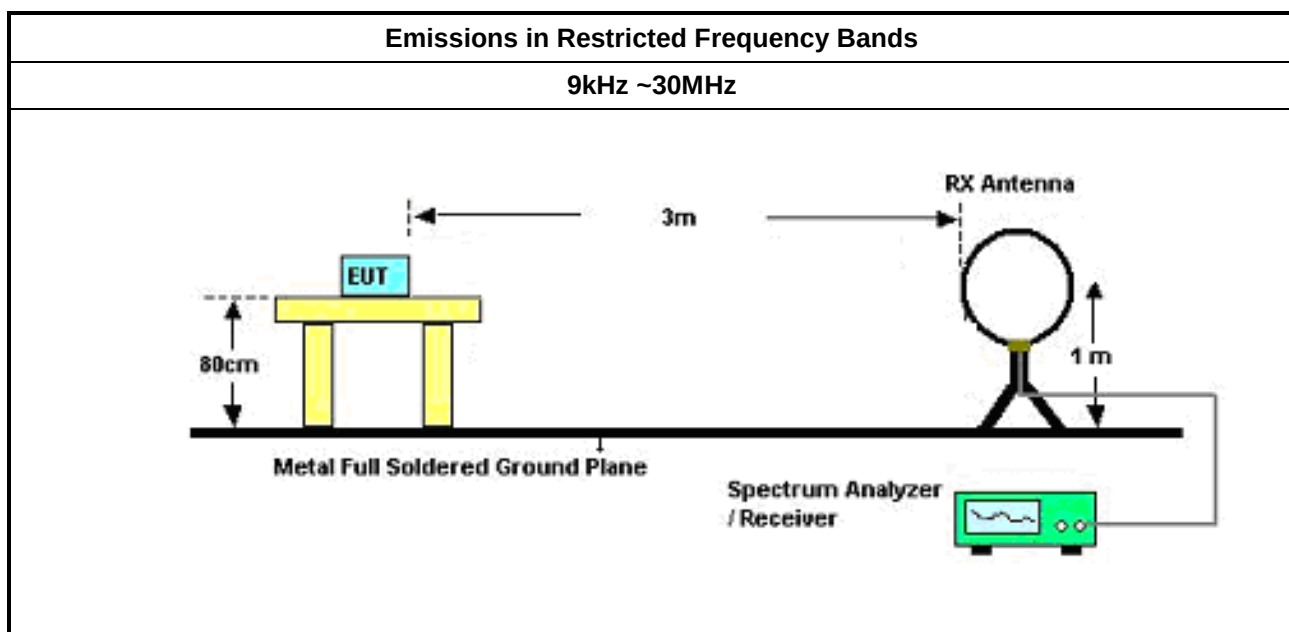
Test Method	
- The average emission levels shall be measured in [hopping duty factor]. - Refer as ANSI C63.10; clause 6.10.3 band-edge testing shall be performed at the lowest frequency channel and highest frequency channel within the allowed operating band. - For the transmitter unwanted emissions shall be measured using following options below: - Refer as ANSI C63.10, clause 4.1.4.2.1 QP value. - Refer as ANSI C63.10, clause 4.1.4.2.2 measurement procedure peak. - Refer as ANSI C63.10, clause 4.1.4.2.4 average value of hopping pulsed emissions. - KDB 414788 Open-Field Test Sites and Chamber Correlation Justification.	
- Based on FCC 15.31(f)(2): measurements may be performed at a distance closer than that specified in regulations; however, an attempt should be made to avoid making measurements in the near field. - Open-field site and chamber correlation testing had been performed and chamber measured test result is the worst case test result.	

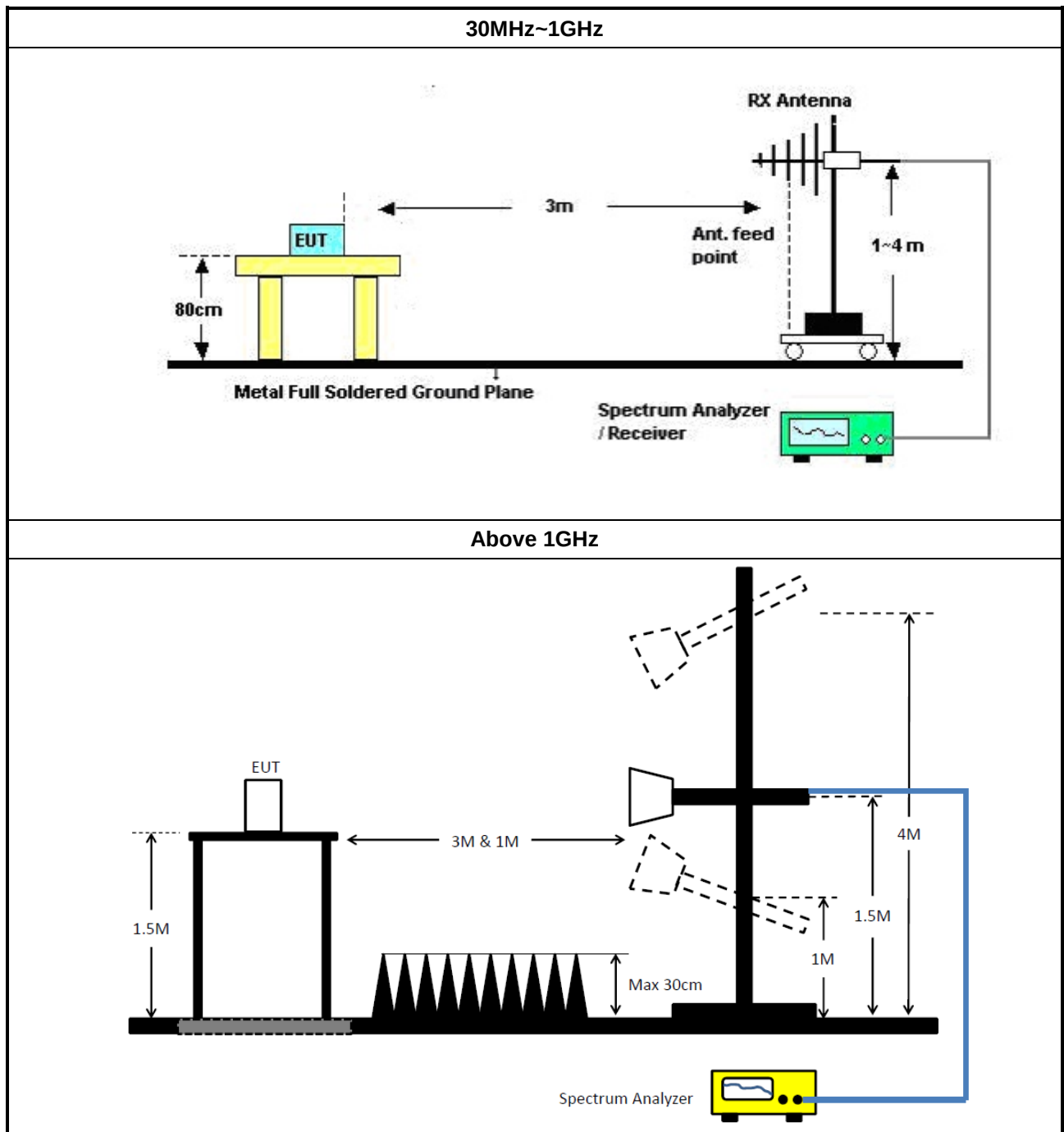
3.7.4 Measurement Results Calculation

The measured Level is calculated using:

Corrected Reading: Raw(Read Level) + AF(Antenna Factor) + CL(Cable Loss) - PA(Preamplifier Factor)

3.7.5 Test Setup





3.7.6 Test Result of Emissions in Restricted Frequency Bands (Below 30MHz)

The amplitude of spurious emissions which are attenuated by more than 20dB below the permissible value has no need to be reported.

3.7.7 Test Result of Emissions in Restricted Frequency Bands

Refer as Appendix G

3.8 Test Equipment and Calibration Data

Instrument for AC Conduction (USB Mode)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
Two-Line V Network (LISN)	R&S	ENV 216	101274	9kHz ~ 30MHz	12/Jan/2022	11/Jan/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9kHz~200MHz	03/Mar/2021	02/Mar/2022
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.7.14	-	NCR	NCR

NCR: No Calibration Required
Instrument for AC Conduction (Adapter Mode)

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
EMI Test Receiver	R&S	ESR3	102051	9kHz ~ 3.6GHz	21/May/2021	20/May/2022
Two-Line V-Network	R&S	ENV 216	100003	9kHz ~ 30MHz	18/Feb/2022	17/Feb/2023
RF Cable 5m	TITAN	TITAN	CO04-cable-01	9 kHz~200MHz	01/Mar/2022	28/Feb/2023
Impuls Begrenzer Pulse Limiter	SCHWARZBECK	VTSD 9561-F	9561-F041	9kHz ~ 30MHz	26/Oct/2021	25/Oct/2022
Software	Sporton	SENSE-EMI	V5.10.7.14	-	NCR	NCR

NCR: No Calibration Required
Instrument for Conducted Test

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
Signal Analyzer	R&S	FSV 40	101013	10Hz~40GHz	30/Mar/2021	29/Mar/2022
SMB100A Signal Generator	R&S	SMB100A	181147	100kHz~40GHz	21/Oct/2021	20/Oct/2022
Pulse Sensor	Anritsu	MA2411B	0917017	300MHz~40GHz	23/Feb/2021	22/Feb/2022
Power Meter	Anritsu	ML2495A	0949003	300MHz~40GHz	23/Feb/2021	22/Feb/2022
SENSE-15247_FS	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A

**Instrument for Radiated Test**

Instrument	Manufacturer /Brand	Model No.	Serial No.	Spec.	Calibration Date	Calibration Due Date
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	30MHz~1GHz 3m	02/Aug/2021	01/Aug/2022
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH02-HY	1GHz~18GHz 3m	01/Aug/2021	31/Jul/2022
Signal Analyzer	R&S	FSV40	101500	9kHz~40GHz	12/Oct/2021	11/Oct/2022
Amplifier	Agilent	8447D	2944A11149	100kHz~1.3GHz	29/Jun/2021	28/Jun/2022
Microwave Preamplifier	Agilent	8449B	3008A02373	1GHz~26.5GHz	03/Nov/2021	02/Nov/2022
Bilog Antenna & 5dB Attenuator	SCHAFFNER / MTJ	CBL 6112B / MTJ6102-05	2723 / 2	30MHz~1GHz	04/Sep/2021	03/Sep/2022
Double Ridged Guide Horn Antenna	SCHWARZBEC	BBHA 9120 D	BBHA 9120 D 01543	1GHz~18GHz	04/Jun/2021	03/Jun/2022
RF Cable	MVE	400LL	MVE-1-0802	9kHz~30MHz	05/May/2021	04/May/2022
RF Cable	MVE	400LL	MVE-1-0802	30MHz~1GHz	05/May/2021	04/May/2022
RF Cable-R03m	HUBER+SUHNER	SUCOFLEX104	805193/4+805192/4	1GHz~40GHz	06/Apr/2021	05/Apr/2022
Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA 9170221	15GHz~40GHz	11/Mar/2021	10/Mar/2022
Loop Antenna	TESEQ	HLA 6120	21455	9kHz~30MHz	14/Apr/2021	13/Apr/2022
EMI Test Receiver	R&S	ESR3	102052	9kHz~3.6GHz	19/Apr/2021	18/Apr/2022
SENSE-15247_FS	Sporton	V5.10.7.13	N/A	N/A	N/A	N/A



Conducted Emissions at Powerline

Appendix A

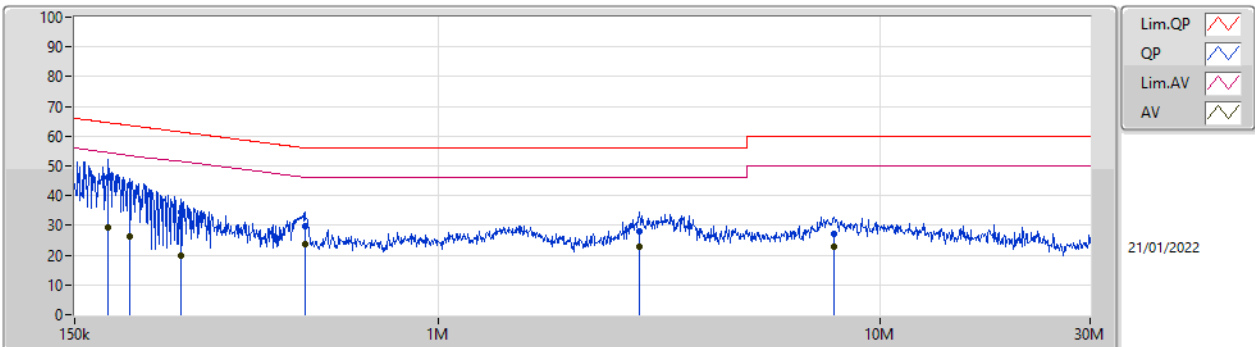
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition
Mode 1	Pass	QP	153.636k	49.20	65.81	-16.61	Neutral
Mode 2	Pass	AV	166.406k	30.84	55.14	-24.30	Neutral

Mode config

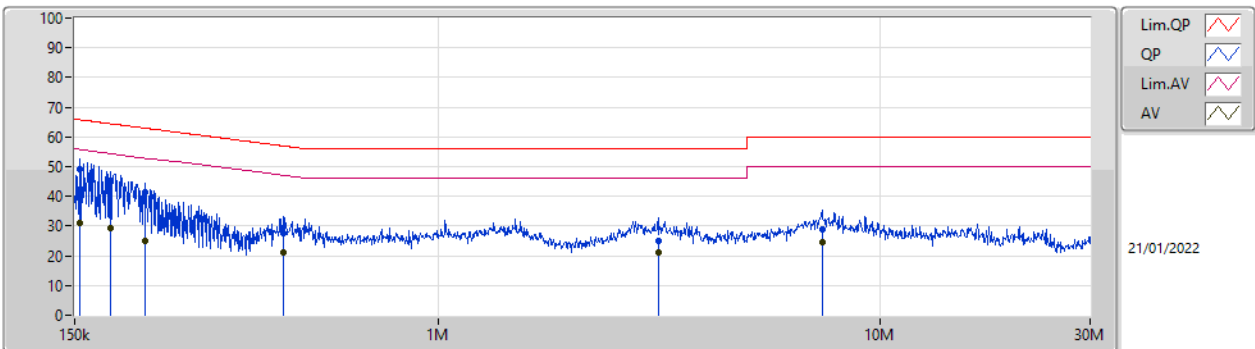
Mode	Result	Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Condition	Comments
Mode 1	Pass	QP	178.803k	46.13	64.55	-18.42	Line	-
Mode 1	Pass	AV	178.803k	29.24	54.55	-25.31	Line	-
Mode 1	Pass	QP	199.949k	43.51	63.61	-20.10	Line	-
Mode 1	Pass	AV	199.949k	26.40	53.61	-27.21	Line	-
Mode 1	Pass	QP	261.263k	34.39	61.39	-27.00	Line	-
Mode 1	Pass	AV	261.263k	19.78	51.39	-31.61	Line	-
Mode 1	Pass	QP	498.814k	29.95	56.02	-26.07	Line	-
Mode 1	Pass	AV	498.814k	23.82	46.02	-22.20	Line	-
Mode 1	Pass	QP	2.855M	27.81	56.00	-28.19	Line	-
Mode 1	Pass	AV	2.855M	22.85	46.00	-23.15	Line	-
Mode 1	Pass	QP	7.869M	27.26	60.00	-32.74	Line	-
Mode 1	Pass	AV	7.869M	22.95	50.00	-27.05	Line	-
Mode 1	Pass	QP	153.636k	49.20	65.81	-16.61	Neutral	-
Mode 1	Pass	AV	153.636k	31.09	55.81	-24.72	Neutral	-
Mode 1	Pass	QP	180.957k	45.09	64.43	-19.34	Neutral	-
Mode 1	Pass	AV	180.957k	29.22	54.43	-25.21	Neutral	-
Mode 1	Pass	QP	216.567k	41.19	62.94	-21.75	Neutral	-
Mode 1	Pass	AV	216.567k	25.13	52.94	-27.81	Neutral	-
Mode 1	Pass	QP	444.284k	27.60	56.98	-29.38	Neutral	-
Mode 1	Pass	AV	444.284k	21.24	46.98	-25.74	Neutral	-
Mode 1	Pass	QP	3.154M	25.14	56.00	-30.86	Neutral	-
Mode 1	Pass	AV	3.154M	21.16	46.00	-24.84	Neutral	-
Mode 1	Pass	QP	7.412M	28.95	60.00	-31.05	Neutral	-
Mode 1	Pass	AV	7.412M	24.75	50.00	-25.25	Neutral	-
Mode 2	Pass	QP	169.084k	33.02	65.01	-31.99	Line	-
Mode 2	Pass	AV	169.084k	29.37	55.01	-25.64	Line	-
Mode 2	Pass	QP	253.051k	23.85	61.66	-37.81	Line	-
Mode 2	Pass	AV	253.051k	19.41	51.66	-32.25	Line	-
Mode 2	Pass	QP	485.068k	25.64	56.25	-30.61	Line	-
Mode 2	Pass	AV	485.068k	19.38	46.25	-26.87	Line	-
Mode 2	Pass	QP	783.156k	18.95	56.00	-37.05	Line	-
Mode 2	Pass	AV	783.156k	14.80	46.00	-31.20	Line	-
Mode 2	Pass	QP	8.255M	24.07	60.00	-35.93	Line	-
Mode 2	Pass	AV	8.255M	20.16	50.00	-29.84	Line	-
Mode 2	Pass	QP	19.244M	15.88	60.00	-44.12	Line	-
Mode 2	Pass	AV	19.244M	14.27	50.00	-35.73	Line	-
Mode 2	Pass	QP	166.406k	32.92	65.14	-32.22	Neutral	-
Mode 2	Pass	AV	166.406k	30.84	55.14	-24.30	Neutral	-
Mode 2	Pass	QP	246.077k	24.21	61.89	-37.68	Neutral	-
Mode 2	Pass	AV	246.077k	20.84	51.89	-31.05	Neutral	-
Mode 2	Pass	QP	475.482k	26.47	56.42	-29.95	Neutral	-
Mode 2	Pass	AV	475.482k	21.30	46.42	-25.12	Neutral	-
Mode 2	Pass	QP	783.156k	20.16	56.00	-35.84	Neutral	-
Mode 2	Pass	AV	783.156k	16.26	46.00	-29.74	Neutral	-
Mode 2	Pass	QP	8.092M	24.91	60.00	-35.09	Neutral	-
Mode 2	Pass	AV	8.092M	21.08	50.00	-28.92	Neutral	-
Mode 2	Pass	QP	29.381M	18.09	60.00	-41.91	Neutral	-
Mode 2	Pass	AV	29.381M	16.52	50.00	-33.48	Neutral	-

Conducted Emissions at Powerline_Mode 1



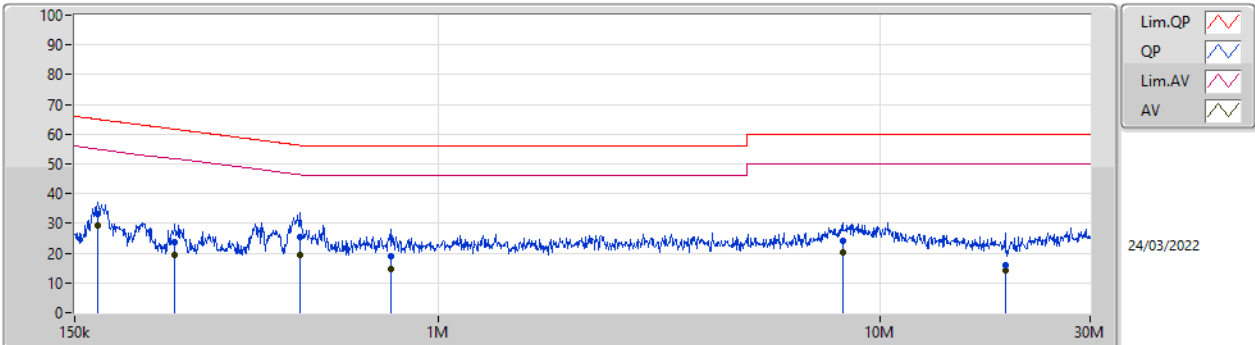
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT				
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)				
QP	178.803k	46.13	64.55	-18.42	19.56	Line	-	26.57	9.61	0.04	9.91				
AV	178.803k	29.24	54.55	-25.31	19.56	Line	-	9.68	9.61	0.04	9.91				
QP	199.949k	43.51	63.61	-20.10	19.56	Line	-	23.95	9.61	0.04	9.91				
AV	199.949k	26.40	53.61	-27.21	19.56	Line	-	6.84	9.61	0.04	9.91				
QP	261.263k	34.39	61.39	-27.00	19.57	Line	-	14.82	9.61	0.05	9.91				
AV	261.263k	19.78	51.39	-31.61	19.57	Line	-	0.21	9.61	0.05	9.91				
QP	498.814k	29.95	56.02	-26.07	19.57	Line	-	10.38	9.60	0.06	9.91				
AV	498.814k	23.82	46.02	-22.20	19.57	Line	-	4.25	9.60	0.06	9.91				
QP	2.855M	27.81	56.00	-28.19	19.67	Line	-	8.14	9.63	0.12	9.92				
AV	2.855M	22.85	46.00	-23.15	19.67	Line	-	3.18	9.63	0.12	9.92				
QP	7.869M	27.26	60.00	-32.74	19.75	Line	-	7.51	9.64	0.18	9.93				
AV	7.869M	22.95	50.00	-27.05	19.75	Line	-	3.20	9.64	0.18	9.93				

Conducted Emissions at Powerline_Mode 1



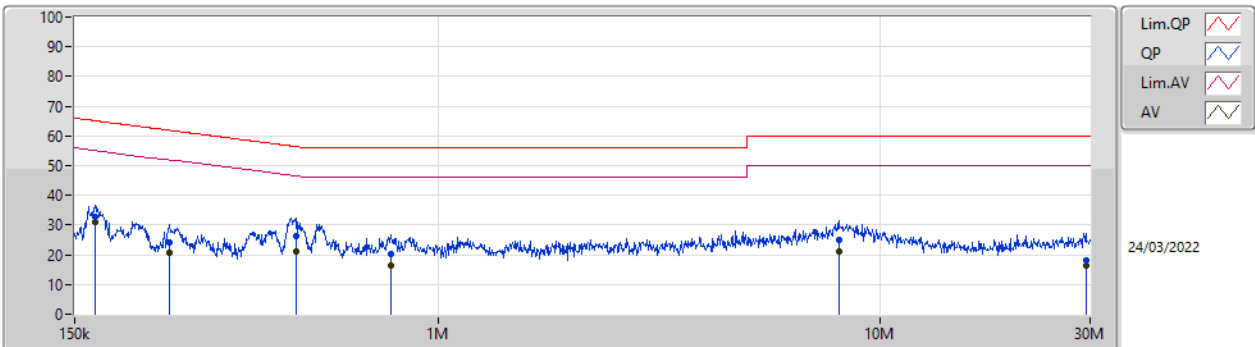
Type	Freq	Level	Limit	Margin	Factor	Condition	Comment	Raw	LISN	CL	AT				
	(Hz)	(dBuV)	(dBuV)	(dB)	(dB)			(dBuV)	(dB)	(dB)	(dB)				
QP	153.636k	49.20	65.81	-16.61	19.54	Neutral	-	29.66	9.59	0.04	9.91				
AV	153.636k	31.09	55.81	-24.72	19.54	Neutral	-	11.55	9.59	0.04	9.91				
QP	180.957k	45.09	64.43	-19.34	19.54	Neutral	-	25.55	9.59	0.04	9.91				
AV	180.957k	29.22	54.43	-25.21	19.54	Neutral	-	9.68	9.59	0.04	9.91				
QP	216.567k	41.19	62.94	-21.75	19.54	Neutral	-	21.65	9.59	0.04	9.91				
AV	216.567k	25.13	52.94	-27.81	19.54	Neutral	-	5.59	9.59	0.04	9.91				
QP	444.284k	27.60	56.98	-29.38	19.55	Neutral	-	8.05	9.58	0.06	9.91				
AV	444.284k	21.24	46.98	-25.74	19.55	Neutral	-	1.69	9.58	0.06	9.91				
QP	3.154M	25.14	56.00	-30.86	19.66	Neutral	-	5.48	9.61	0.13	9.92				
AV	3.154M	21.16	46.00	-24.84	19.66	Neutral	-	1.50	9.61	0.13	9.92				
QP	7.412M	28.95	60.00	-31.05	19.75	Neutral	-	9.20	9.64	0.18	9.93				
AV	7.412M	24.75	50.00	-25.25	19.75	Neutral	-	5.00	9.64	0.18	9.93				

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	169.084k	33.02	65.01	-31.99	19.63	Line	-	13.39	9.69	0.03	9.91			
AV	169.084k	29.37	55.01	-25.64	19.63	Line	-	9.74	9.69	0.03	9.91			
QP	253.051k	23.85	61.66	-37.81	19.63	Line	-	4.22	9.69	0.03	9.91			
AV	253.051k	19.41	51.66	-32.25	19.63	Line	-	-0.22	9.69	0.03	9.91			
QP	485.068k	25.64	56.25	-30.61	19.63	Line	-	6.01	9.68	0.04	9.91			
AV	485.068k	19.38	46.25	-26.87	19.63	Line	-	-0.25	9.68	0.04	9.91			
QP	783.156k	18.95	56.00	-37.05	19.65	Line	-	-0.70	9.68	0.05	9.92			
AV	783.156k	14.80	46.00	-31.20	19.65	Line	-	-4.85	9.68	0.05	9.92			
QP	8.255M	24.07	60.00	-35.93	19.89	Line	-	4.18	9.79	0.17	9.93			
AV	8.255M	20.16	50.00	-29.84	19.89	Line	-	0.27	9.79	0.17	9.93			
QP	19.244M	15.88	60.00	-44.12	19.99	Line	-	-4.11	9.79	0.27	9.93			
AV	19.244M	14.27	50.00	-35.73	19.99	Line	-	-5.72	9.79	0.27	9.93			

Conducted Emissions at Powerline_Mode 2



Type	Freq (Hz)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Factor (dB)	Condition	Comment	Raw (dBuV)	LISN (dB)	CL (dB)	AT (dB)			
QP	166.406k	32.92	65.14	-32.22	19.67	Neutral	-	13.25	9.73	0.03	9.91			
AV	166.406k	30.84	55.14	-24.30	19.67	Neutral	-	11.17	9.73	0.03	9.91			
QP	246.077k	24.21	61.89	-37.68	19.66	Neutral	-	4.55	9.72	0.03	9.91			
AV	246.077k	20.84	51.89	-31.05	19.66	Neutral	-	1.18	9.72	0.03	9.91			
QP	475.482k	26.47	56.42	-29.95	19.67	Neutral	-	6.80	9.72	0.04	9.91			
AV	475.482k	21.30	46.42	-25.12	19.67	Neutral	-	1.63	9.72	0.04	9.91			
QP	783.156k	20.16	56.00	-35.84	19.70	Neutral	-	0.46	9.73	0.05	9.92			
AV	783.156k	16.26	46.00	-29.74	19.70	Neutral	-	-3.44	9.73	0.05	9.92			
QP	8.092M	24.91	60.00	-35.09	19.96	Neutral	-	4.95	9.86	0.17	9.93			
AV	8.092M	21.08	50.00	-28.92	19.96	Neutral	-	1.12	9.86	0.17	9.93			
QP	29.381M	18.09	60.00	-41.91	20.41	Neutral	-	-2.32	10.13	0.34	9.94			
AV	29.381M	16.52	50.00	-33.48	20.41	Neutral	-	-3.89	10.13	0.34	9.94			

**Summary**

Mode	Max-N dB (Hz)	Max-OBW (Hz)	ITU-Code	Min-N dB (Hz)	Min-OBW (Hz)
2.4-2.4835GHz	-	-	-	-	-
BT-BR(1Mbps)	937.5k	883.308k	883KF1D	932.5k	873.313k
BT-EDR(2Mbps)	1.333M	1.214M	1M21G1D	1.331M	1.211M
BT-EDR(3Mbps)	1.328M	1.216M	1M22G1D	1.316M	1.211M

Max-N dB = Maximum 20dB down bandwidth; Max-OBW = Maximum 99% occupied bandwidth;
Min-N dB = Minimum 20dB down bandwidth; Min-OBW = Minimum 99% occupied bandwidth

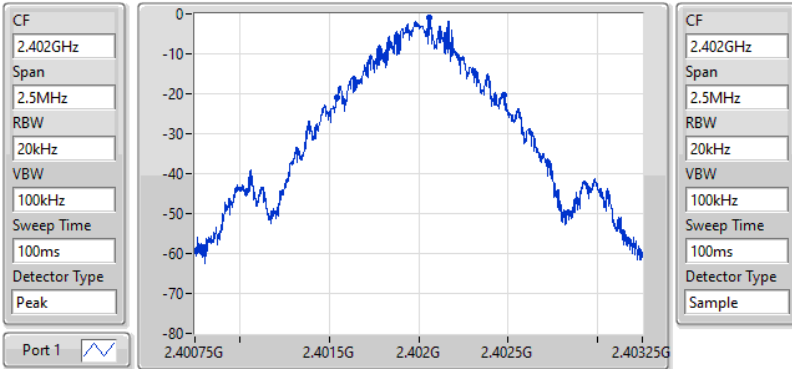
Result

Mode	Result	Limit (Hz)	Port 1-N dB (Hz)	Port 1-OBW (Hz)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	Inf	936.25k	883.308k
2440MHz	Pass	Inf	932.5k	880.81k
2480MHz	Pass	Inf	937.5k	873.313k
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.331M	1.214M
2440MHz	Pass	Inf	1.331M	1.211M
2480MHz	Pass	Inf	1.333M	1.212M
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	Inf	1.328M	1.216M
2440MHz	Pass	Inf	1.316M	1.211M
2480MHz	Pass	Inf	1.32M	1.211M

Port X-N dB = Port X 20dB down bandwidth;
Port X-OBW = Port X 99% occupied bandwidth

BT-BR(1Mbps)

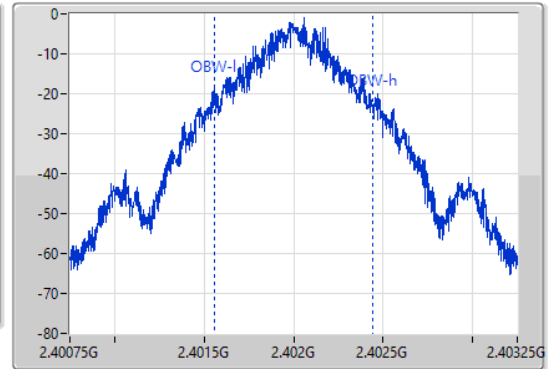
2402MHz



20dB(Hz)	FI-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
936.25k	2.401543G	2.402479G	883.308k	2.40156G	2.402444G	Inf	1

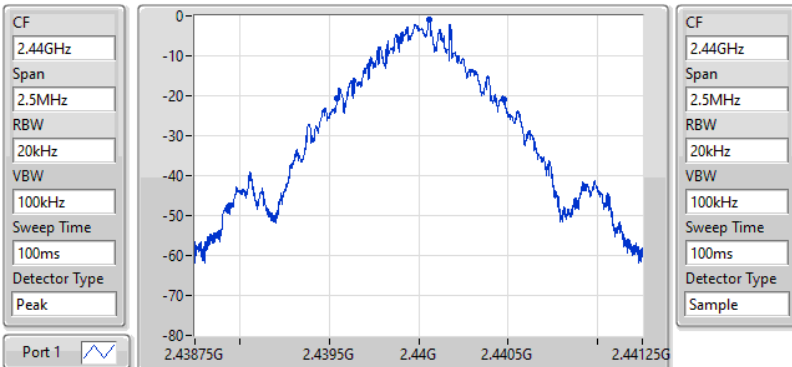
EBW-FS

19/01/2022



BT-BR(1Mbps)

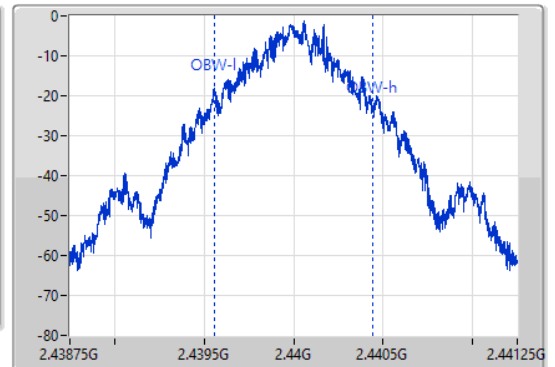
2440MHz



20dB(Hz)	FI-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	FI-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
932.5k	2.439546G	2.440479G	880.81k	2.439559G	2.44044G	Inf	1

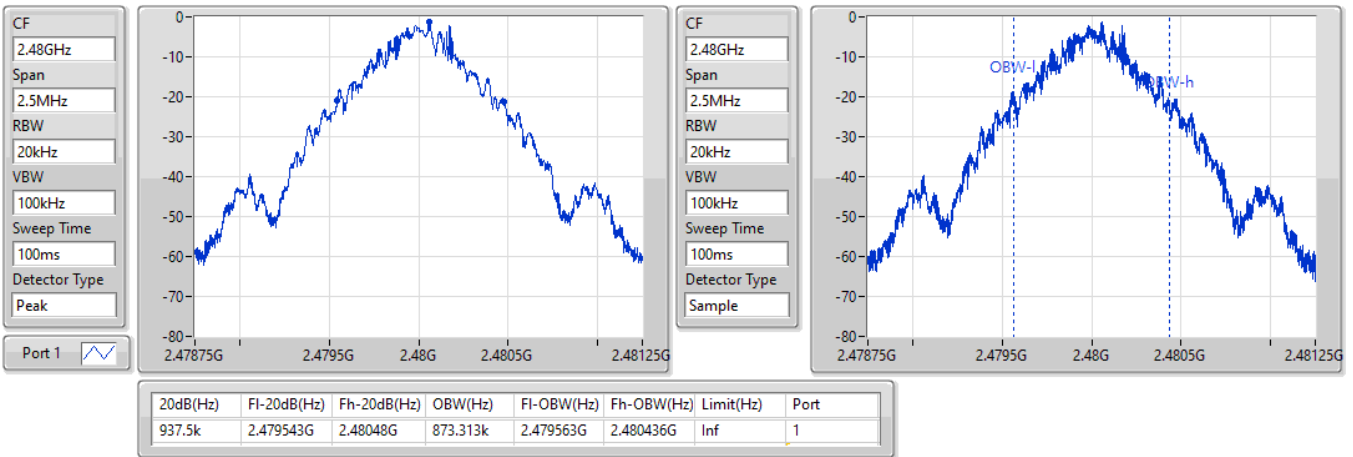
EBW-FS

19/01/2022

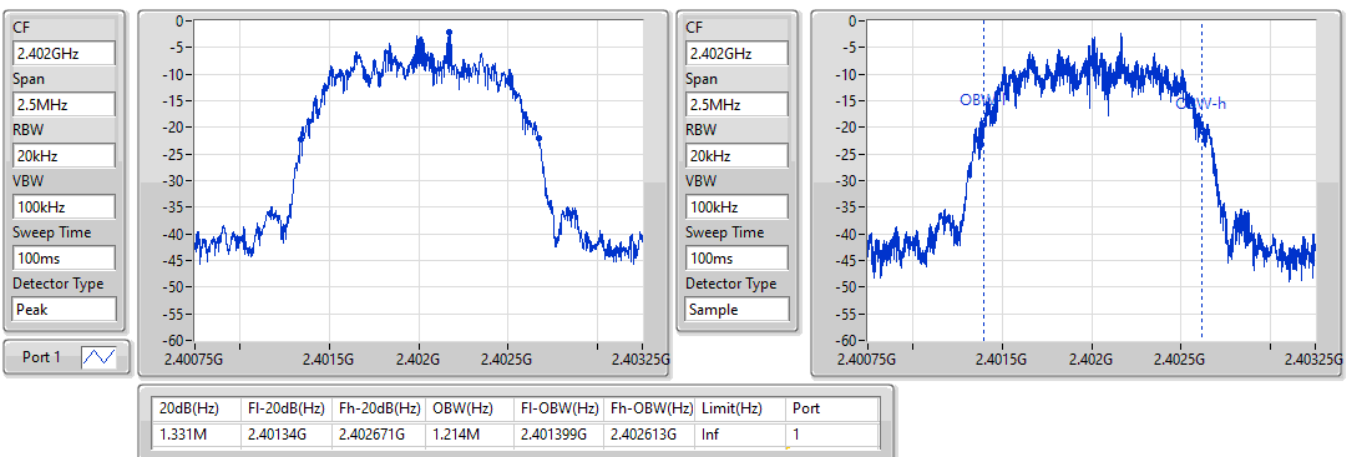


BT-BR(1Mbps)
EBW-FS
2480MHz

19/01/2022

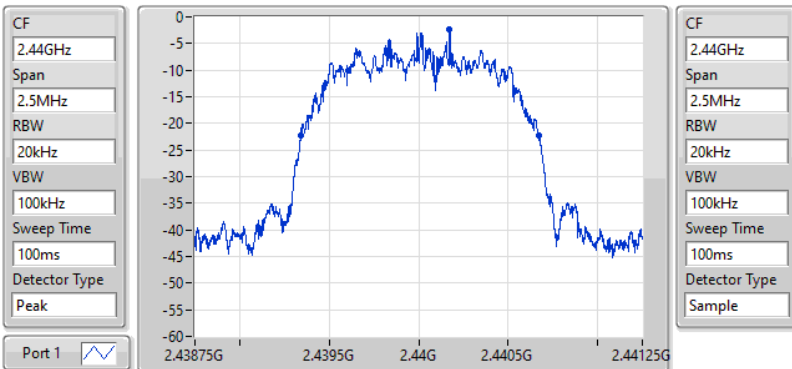

BT-EDR(2Mbps)
EBW-FS
2402MHz

19/01/2022



BT-EDR(2Mbps)

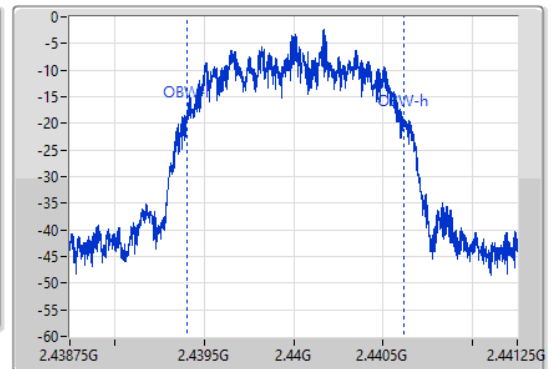
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.331M	2.43934G	2.440671G	1.211M	2.439403G	2.440613G	Inf	1

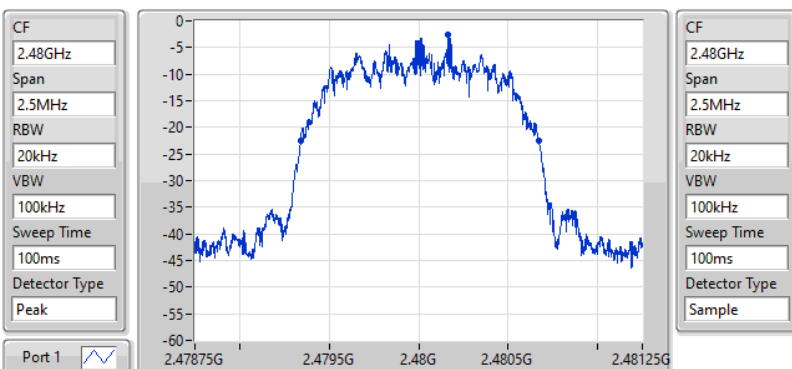
EBW-FS

19/01/2022



BT-EDR(2Mbps)

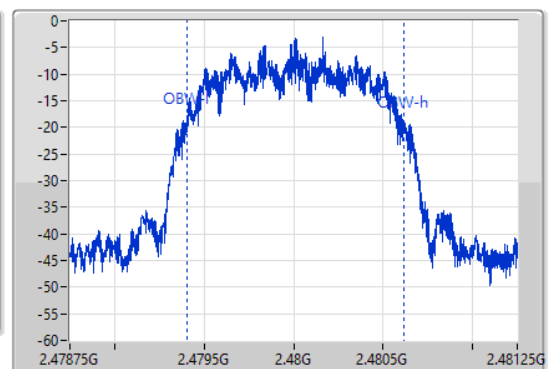
2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.333M	2.47934G	2.480673G	1.212M	2.479402G	2.480613G	Inf	1

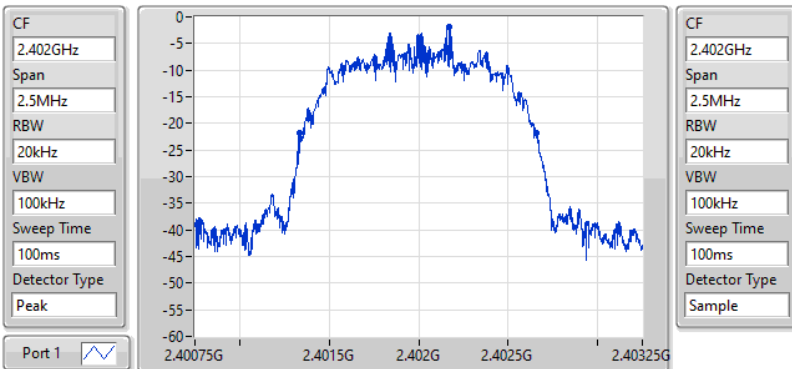
EBW-FS

19/01/2022



BT-EDR(3Mbps)

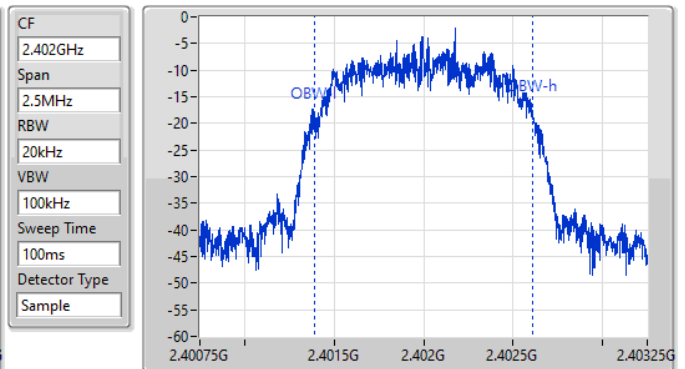
2402MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.328M	2.401334G	2.402661G	1.216M	2.401392G	2.402607G	Inf	1

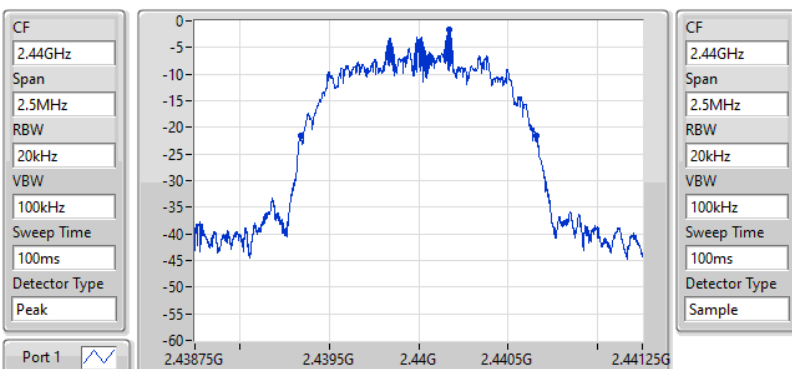
EBW-FS

19/01/2022



BT-EDR(3Mbps)

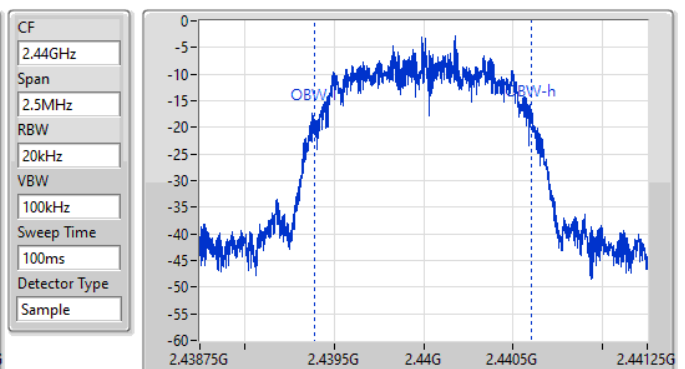
2440MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.316M	2.43934G	2.440656G	1.211M	2.439394G	2.440605G	Inf	1

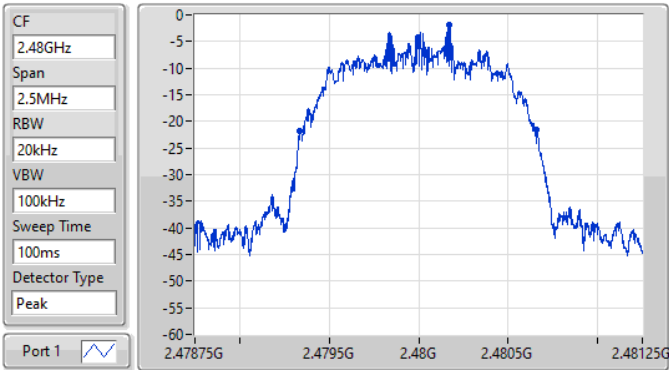
EBW-FS

19/01/2022



BT-EDR(3Mbps)

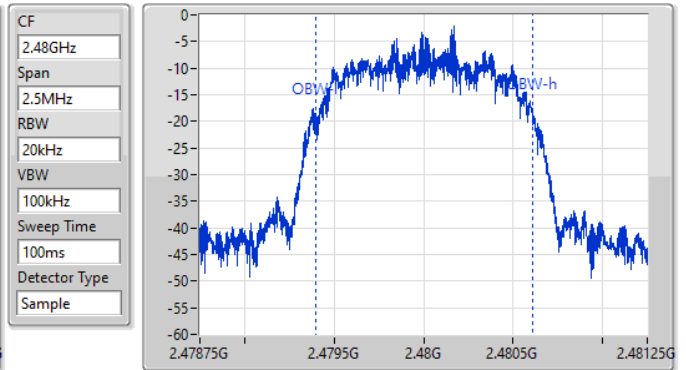
2480MHz



20dB(Hz)	Fl-20dB(Hz)	Fh-20dB(Hz)	OBW(Hz)	Fl-OBW(Hz)	Fh-OBW(Hz)	Limit(Hz)	Port
1.32M	2.479338G	2.480658G	1.211M	2.479395G	2.480606G	Inf	1

EBW-FS

19/01/2022





Summary

Mode	Max-Space (Hz)	Min-Space (Hz)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	1.002M	997.5k
BT-EDR(2Mbps)	1.0005M	997.5k
BT-EDR(3Mbps)	1.0005M	999k

Result

Mode	Result	Fl (Hz)	Fh (Hz)	Ch.Space (Hz)	Limit (Hz)
BT-BR(1Mbps)	-	-	-	-	-
2402MHz	Pass	2.402167G	2.403165G	997.5k	623.5425k
2440MHz	Pass	2.440166G	2.441168G	1.002M	621.045k
2480MHz	Pass	2.479167G	2.480169G	1.002M	624.375k
BT-EDR(2Mbps)	-	-	-	-	-
2402MHz	Pass	2.402011G	2.403012G	1.0005M	886.446k
2440MHz	Pass	2.440011G	2.44101G	999k	886.446k
2480MHz	Pass	2.479011G	2.480009G	997.5k	887.778k
BT-EDR(3Mbps)	-	-	-	-	-
2402MHz	Pass	2.402167G	2.403168G	1.0005M	884.448k
2440MHz	Pass	2.440167G	2.441166G	999k	876.456k
2480MHz	Pass	2.479167G	2.480168G	1.0005M	879.12k

BT-BR(1Mbps)

2.402G/2.403GHz

Channel Separation-FS

19/01/2022



BT-BR(1Mbps)

2.44G/2.441GHz

Channel Separation-FS

19/01/2022



BT-BR(1Mbps)

2.48G/2.479GHz

Channel Separation-FS

19/01/2022

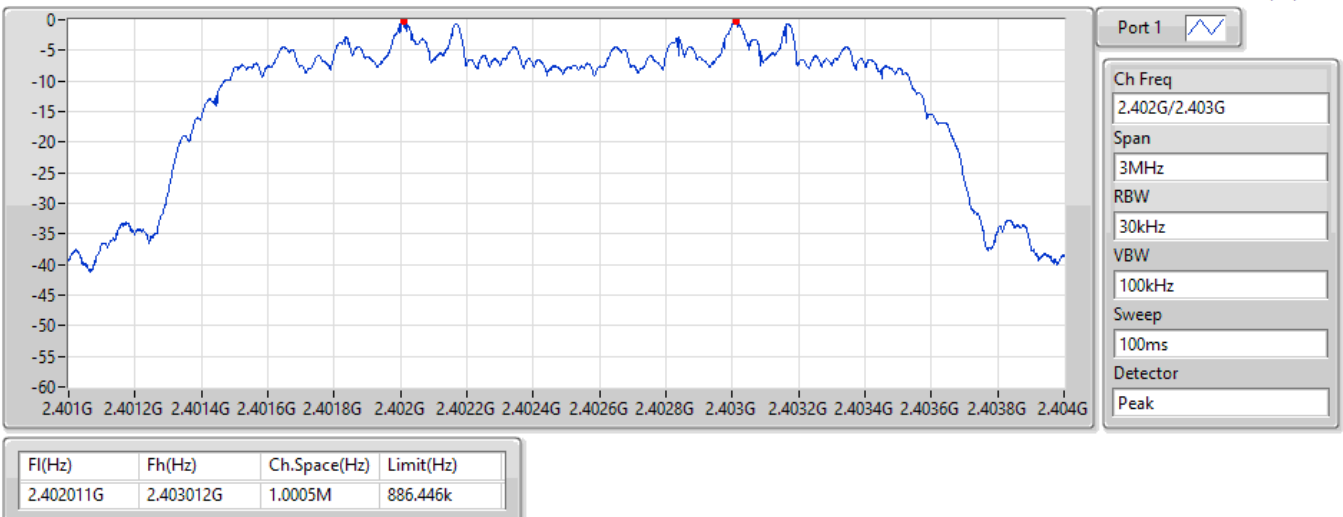


BT-EDR(2Mbps)

2.402G/2.403GHz

Channel Separation-FS

19/01/2022

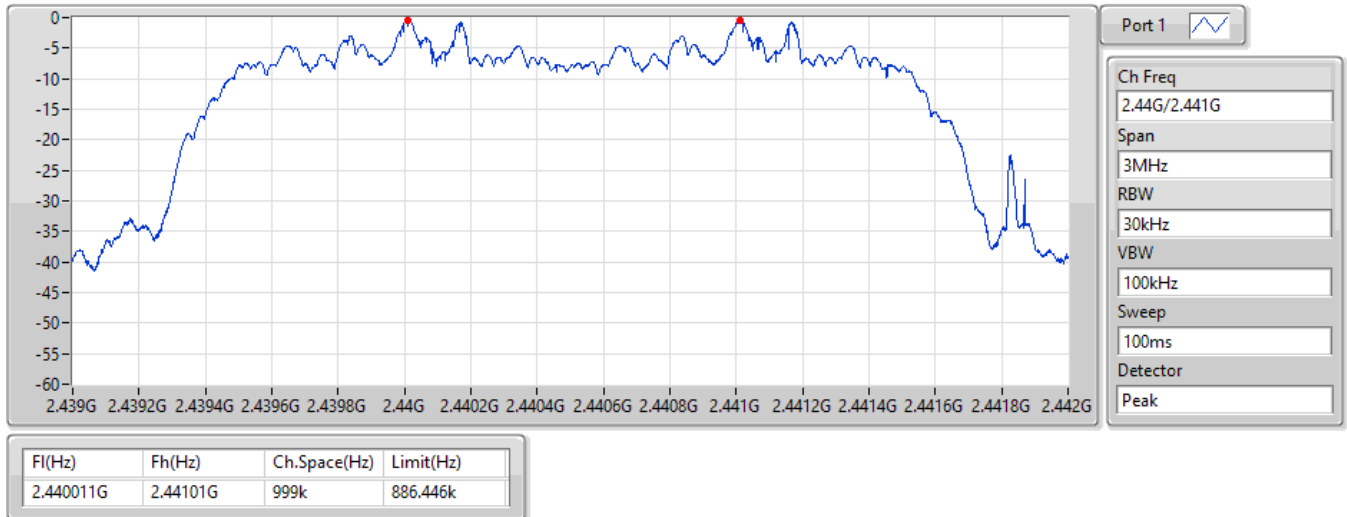


BT-EDR(2Mbps)

2.44G/2.441GHz

Channel Separation-FS

19/01/2022

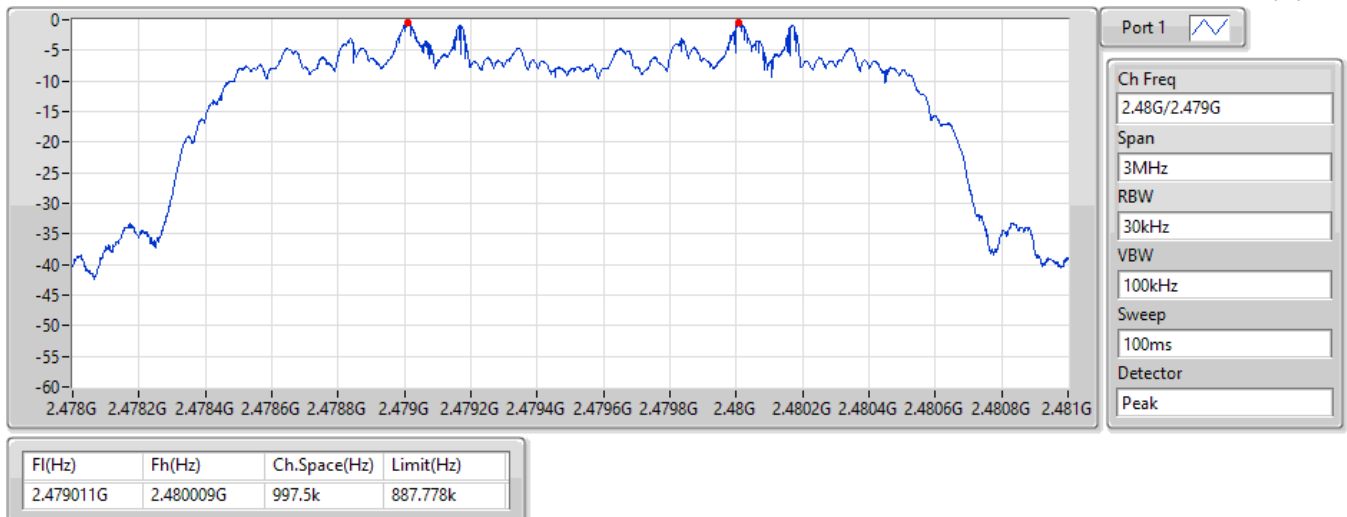


BT-EDR(2Mbps)

2.48G/2.479GHz

Channel Separation-FS

19/01/2022

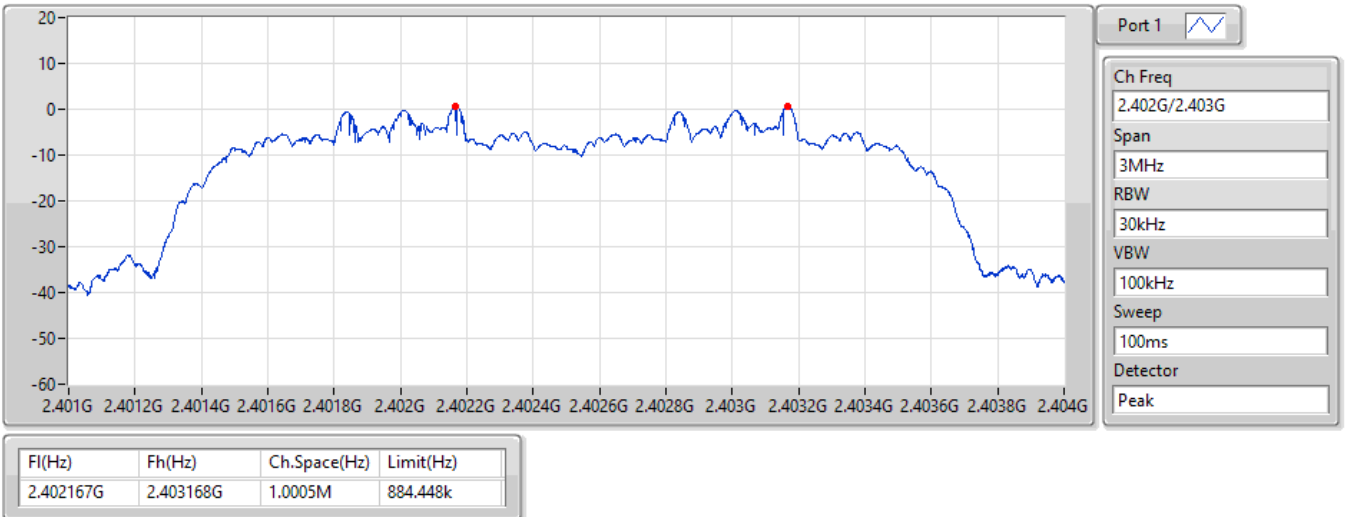


BT-EDR(3Mbps)

2.402G/2.403GHz

Channel Separation-FS

19/01/2022



BT-EDR(3Mbps)

2.44G/2.441GHz

Channel Separation-FS

19/01/2022

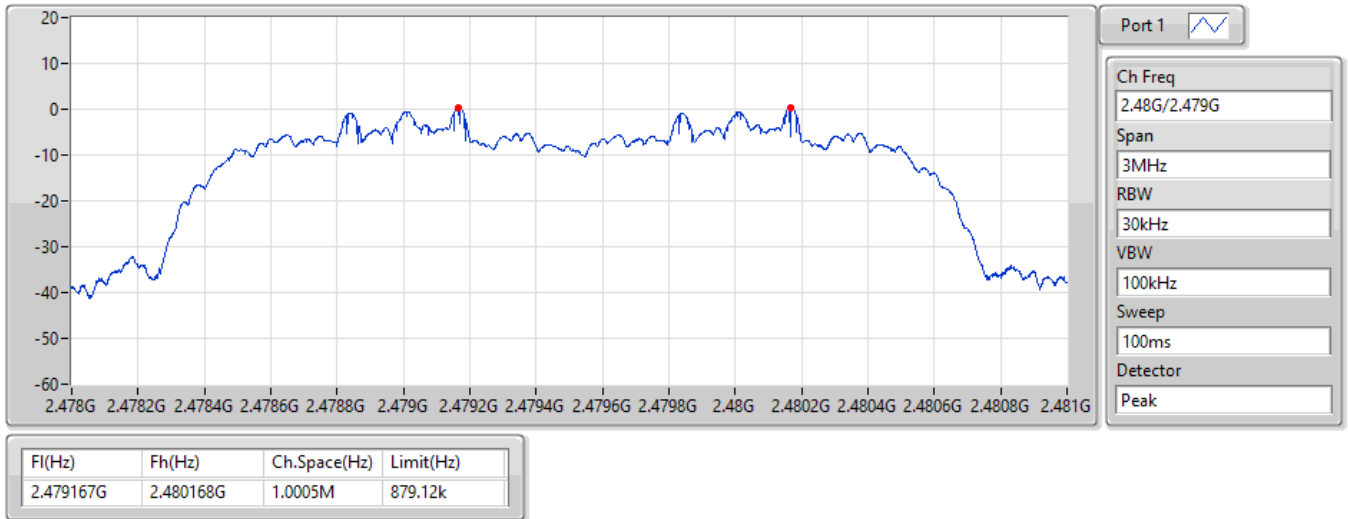


BT-EDR(3Mbps)

2.48G/2.479GHz

Channel Separation-FS

19/01/2022





Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	3.68	0.00233
BT-EDR(2Mbps)	5.85	0.00385
BT-EDR(3Mbps)	6.35	0.00432



Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	0.60	3.68	21.00
2440MHz	Pass	0.60	3.60	21.00
2480MHz	Pass	0.60	3.50	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	0.60	5.85	21.00
2440MHz	Pass	0.60	5.76	21.00
2480MHz	Pass	0.60	5.69	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	0.60	6.35	21.00
2440MHz	Pass	0.60	6.25	21.00
2480MHz	Pass	0.60	6.16	21.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Power (dBm)	Power (W)
2.4-2.4835GHz	-	-
BT-BR(1Mbps)	3.15	0.00207
BT-EDR(2Mbps)	3.10	0.00204
BT-EDR(3Mbps)	3.03	0.00201



Result

Mode	Result	Gain (dBi)	Power (dBm)	Power Limit (dBm)
BT-BR(1Mbps)	-	-	-	-
2402MHz	Pass	0.60	3.15	21.00
2440MHz	Pass	0.60	3.07	21.00
2480MHz	Pass	0.60	2.97	21.00
BT-EDR(2Mbps)	-	-	-	-
2402MHz	Pass	0.60	3.10	21.00
2440MHz	Pass	0.60	2.67	21.00
2480MHz	Pass	0.60	2.91	21.00
BT-EDR(3Mbps)	-	-	-	-
2402MHz	Pass	0.60	3.03	21.00
2440MHz	Pass	0.60	2.92	21.00
2480MHz	Pass	0.60	2.74	21.00

DG = Directional Gain; Port X = Port X output power



Summary

Mode	Max-Hop No
2.4-2.4835GHz	-
BT-BR(1Mbps)	79
BT-EDR(2Mbps)	79
BT-EDR(3Mbps)	79

Result

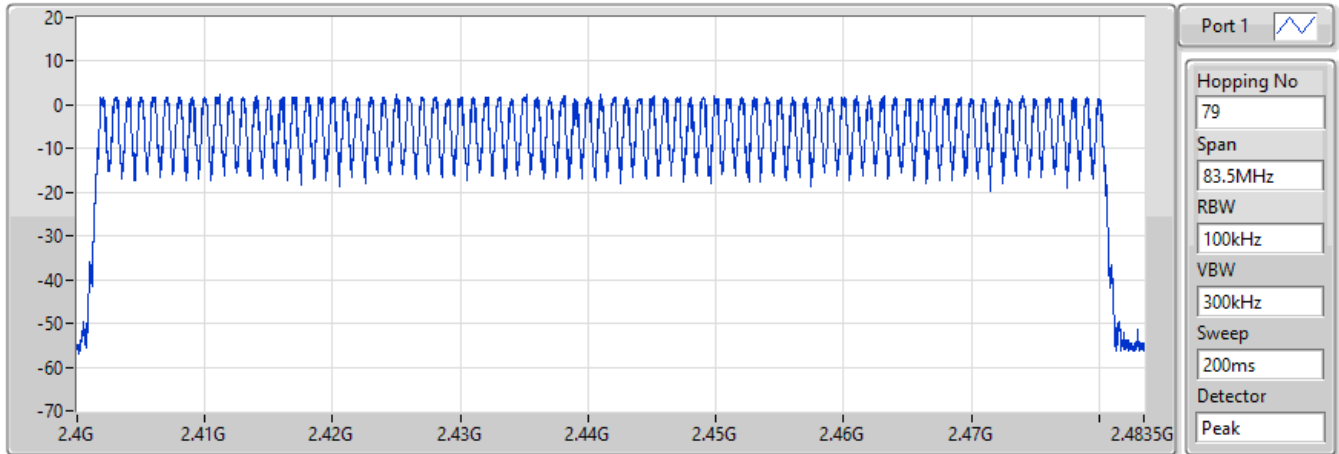
Mode	Result	Hopping No	Limit
BT-BR(1Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(2Mbps)	-	-	-
2440MHz	Pass	79	15
BT-EDR(3Mbps)	-	-	-
2440MHz	Pass	79	15

BT-BR(1Mbps)

2440MHz

Hopping-FS

19/01/2022



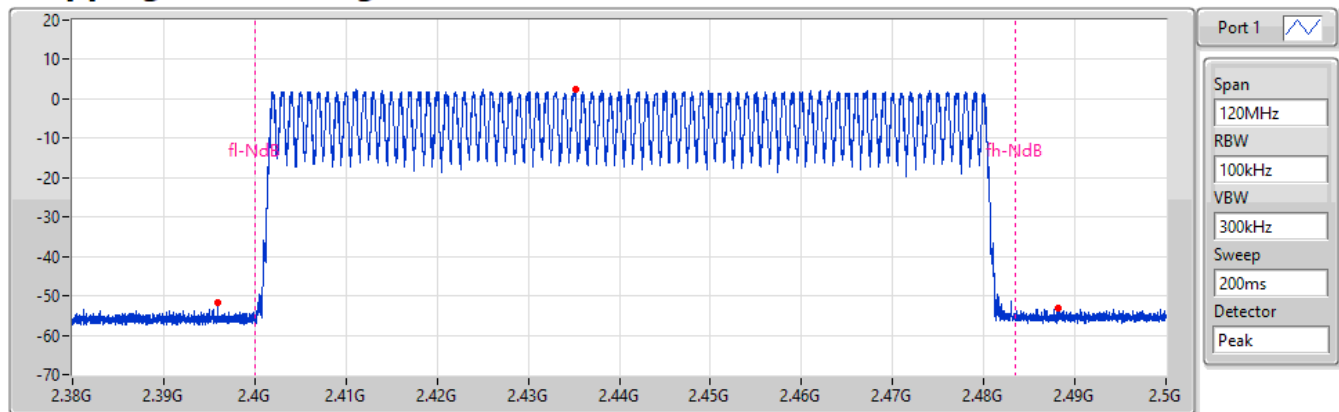
Hopping No	Limit
79	15

BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

19/01/2022



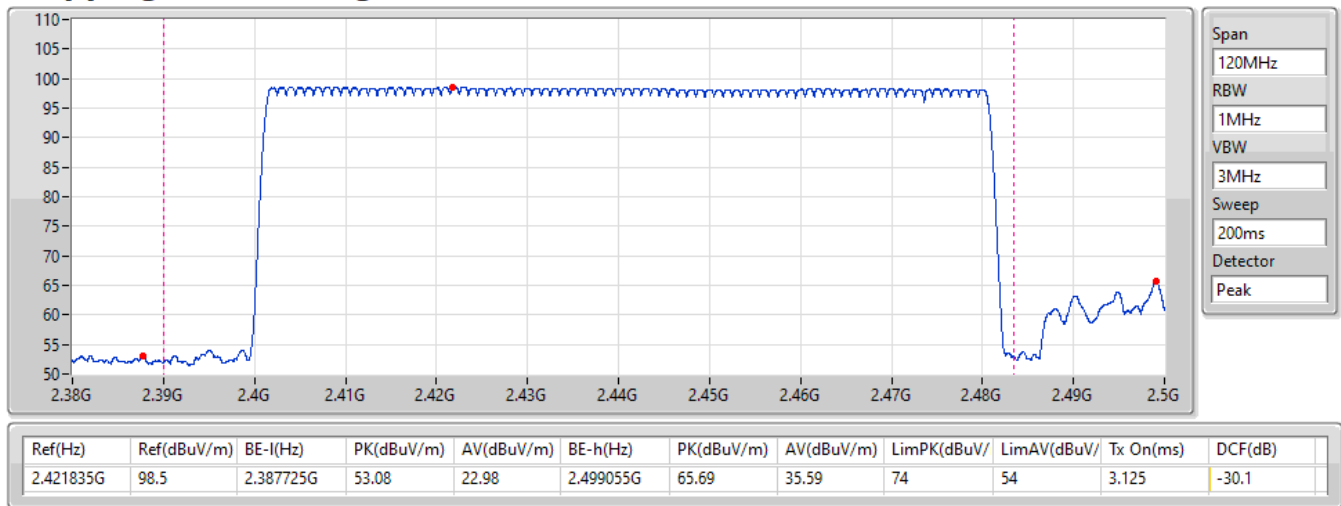
Limit(dBm)	Ref(Hz)	Ref(dBm)	BE-l(Hz)	BE-l(dBm)	BE-h(Hz)	BE-h(dBm)
-17.57	2.43517G	2.43	2.39599G	-51.73	2.48821G	-53.27

BT-BR(1Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

19/01/2022

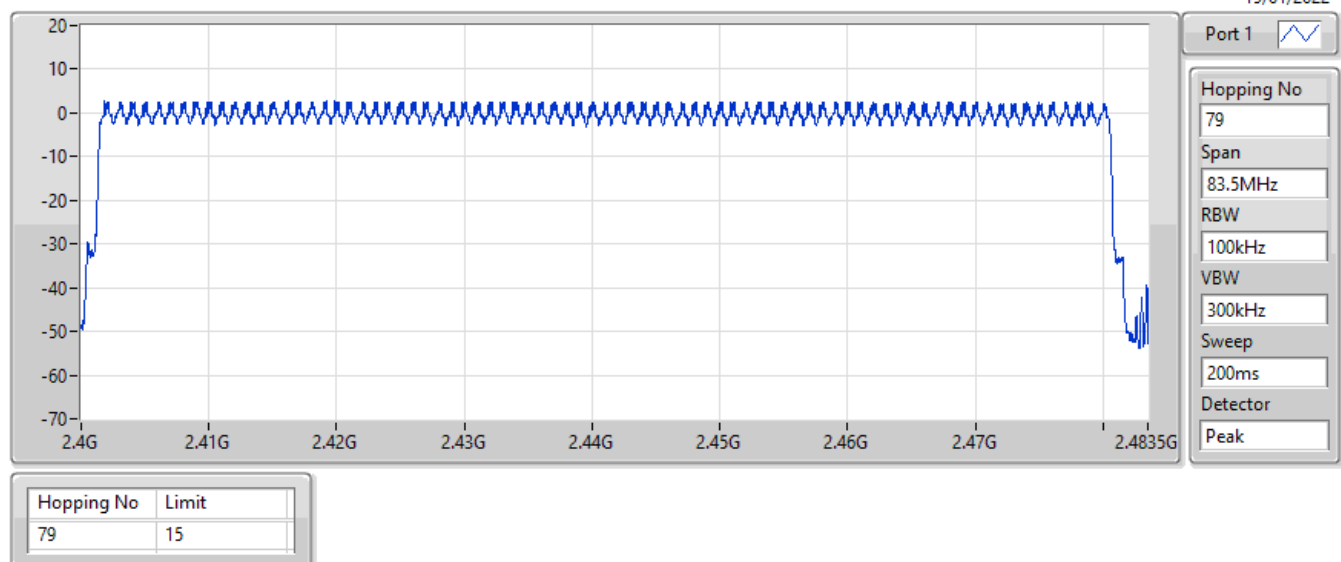


BT-EDR(2Mbps)

2440MHz

Hopping-FS

19/01/2022

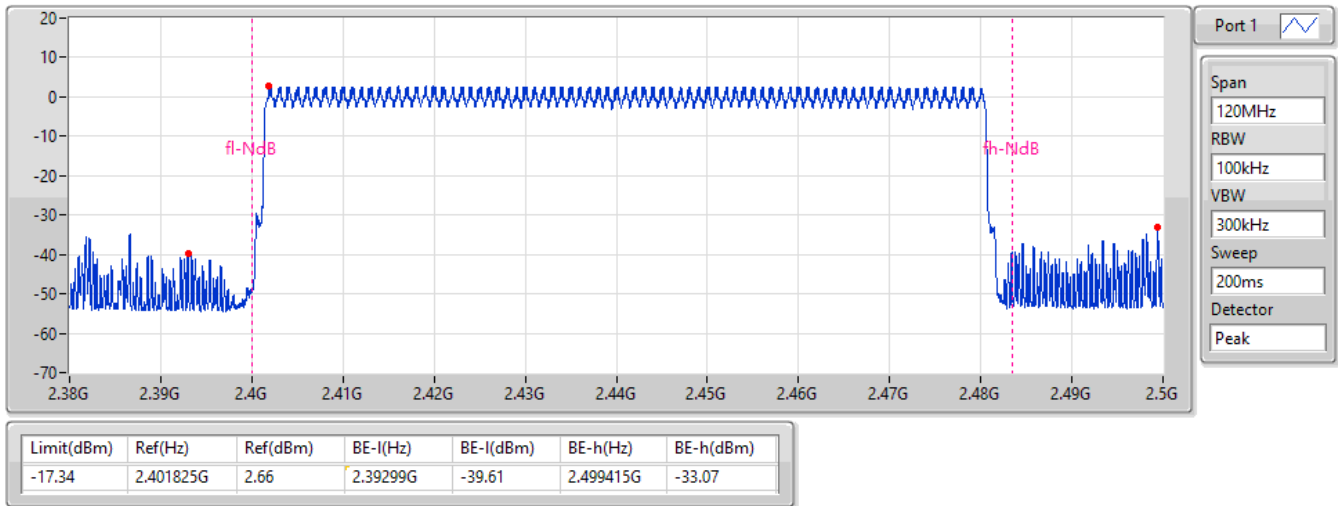


BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Non-restricted Band)

19/01/2022

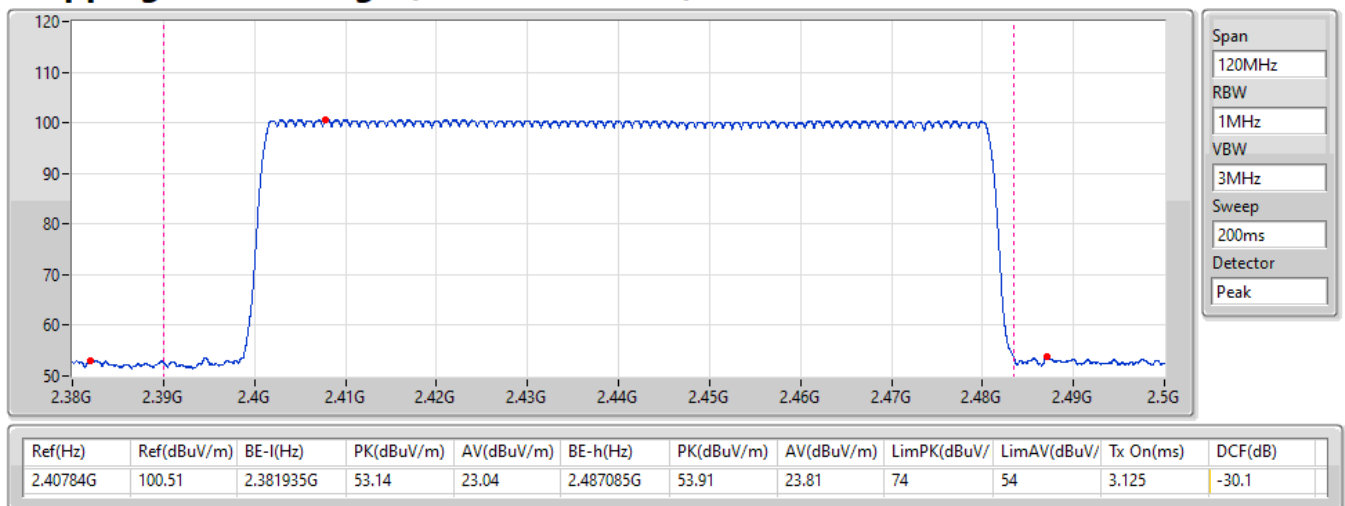


BT-EDR(2Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

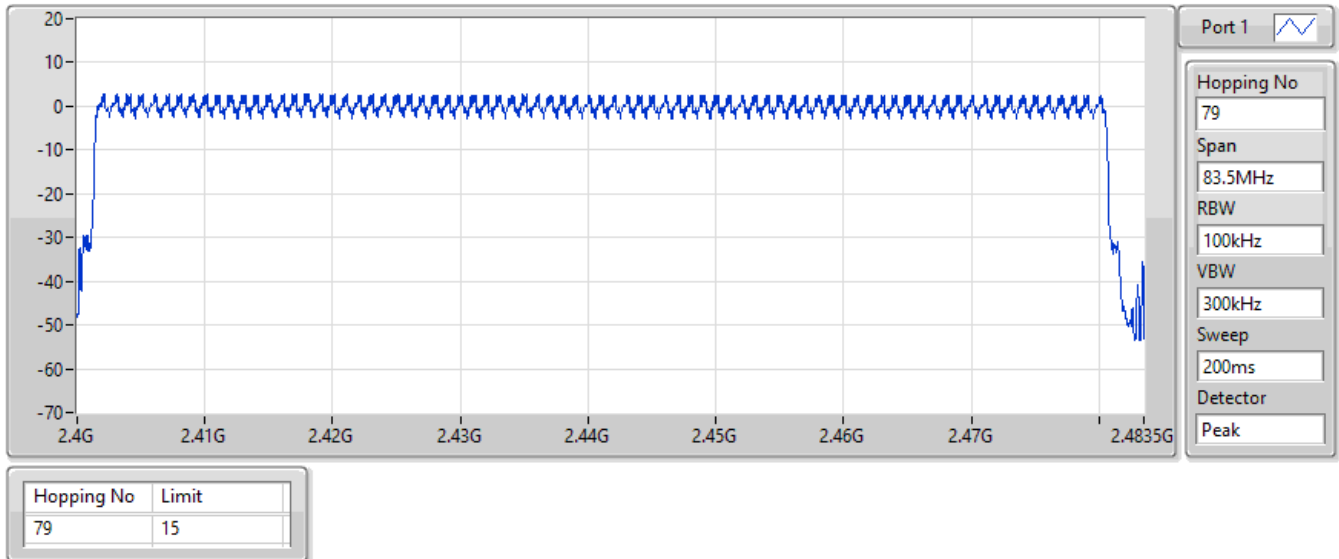
19/01/2022



BT-EDR(3Mbps) 2440MHz

Hopping-FS

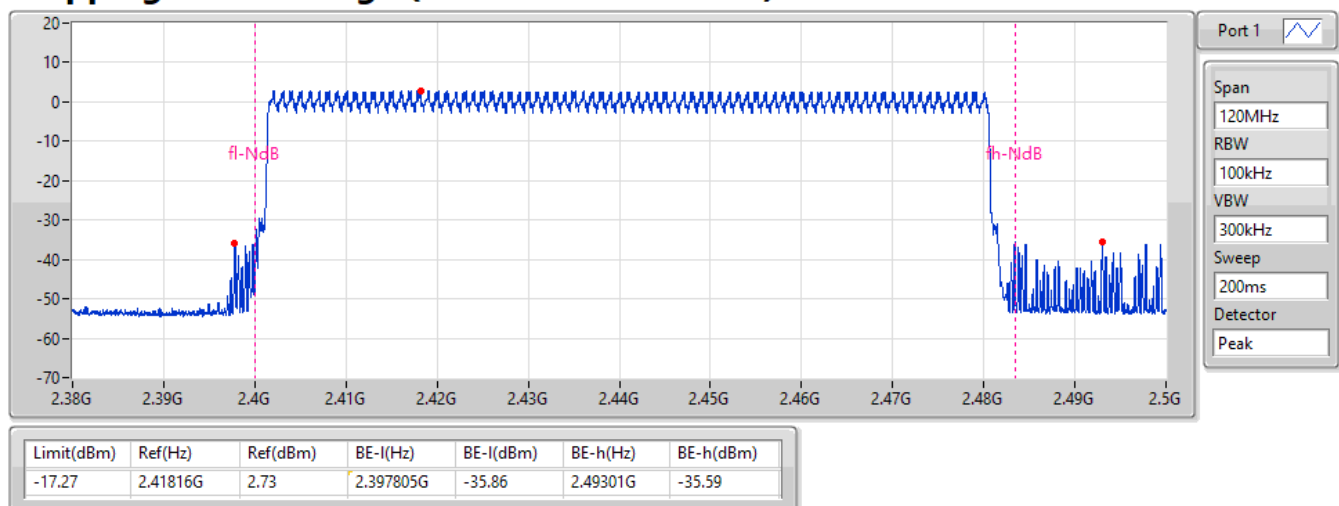
19/01/2022



BT-EDR(3Mbps) 2440MHz

Hopping Ch Bandedge (Non-restricted Band)

19/01/2022

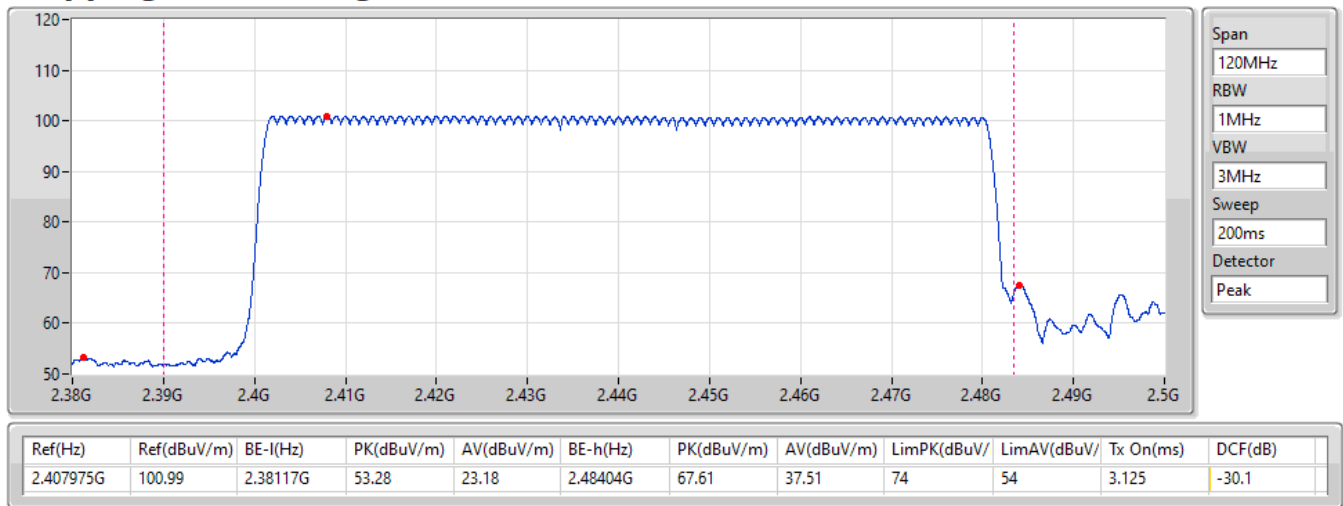


BT-EDR(3Mbps)

2440MHz

Hopping Ch Bandedge (Restricted Band)

19/01/2022





Summary

Mode	Max-Dwell (s)
2.4-2.4835GHz	-
BT-BR(1Mbps)	308.52705m_DH5
BT-EDR(2Mbps)	309.27325m_DH5
BT-EDR(3Mbps)	309.48645m_DH5

Result

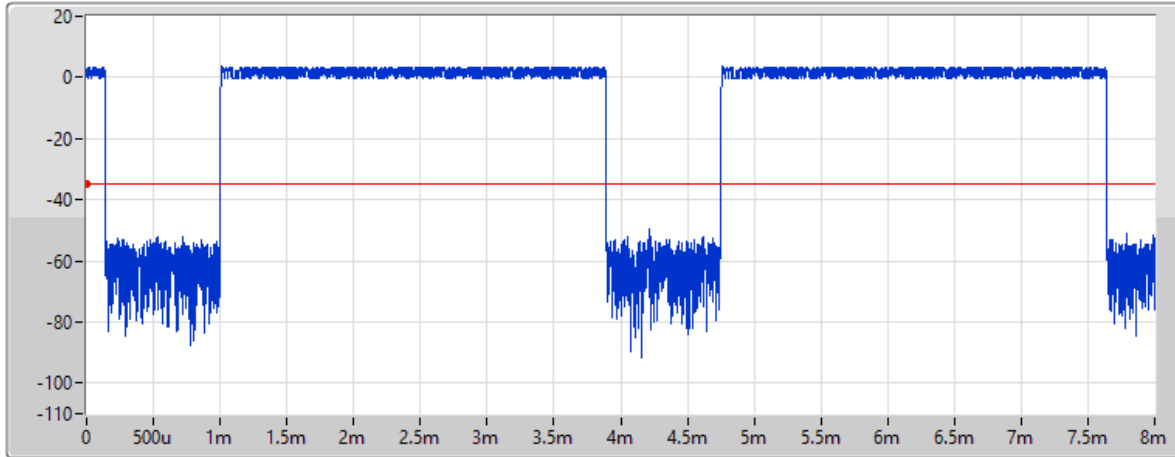
Mode	Result	Period (s)	Dwell (s)	Limit (s)	Tx On (s)
BT-BR(1Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	308.52705m_DH5	400m	2.89425m
2440MHz	Pass	8	154.2502m_DH5-AFH	400m	2.894m
BT-EDR(2Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	309.27325m_DH5	400m	2.90125m
2440MHz	Pass	8	154.636625m_DH5-AFH	400m	2.90125m
BT-EDR(3Mbps)	-	-	-	-	-
2440MHz	Pass	31.6	309.48645m_DH5	400m	2.90325m
2440MHz	Pass	8	154.689925m_DH5-AFH	400m	2.90225m

BT-BR(1Mbps)

2440MHz

Dwell-FS

19/01/2022



Port 1 

Ch Freq
2.44GHz

RBW
300kHz

VBW
1MHz

Sweep Time
8ms

TX Time
2.89425ms

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	308.52705m_DH5	400m	2.89425m

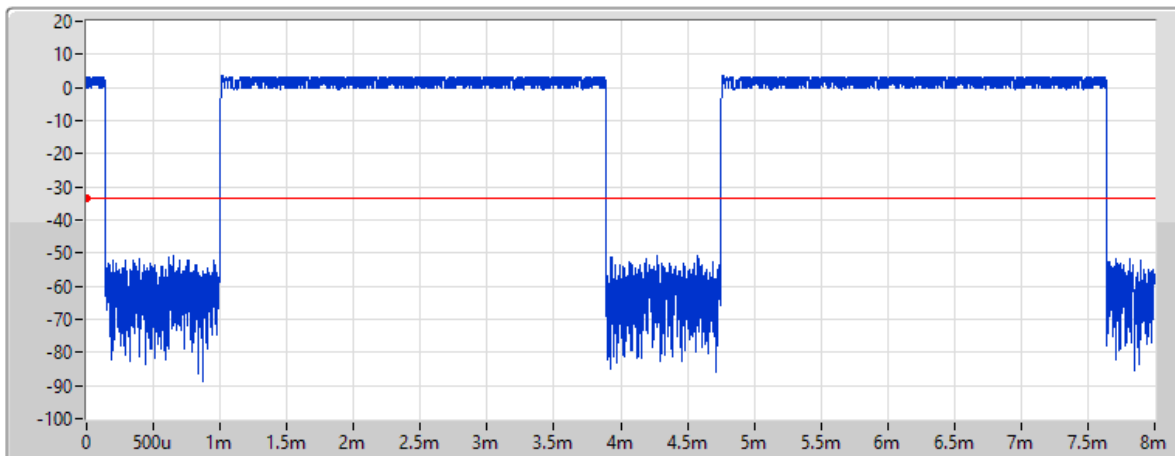
DH5

BT-BR(1Mbps)

2440MHz

Dwell-FS

19/01/2022



Port 1 

Ch Freq
2.44GHz

RBW
300kHz

VBW
1MHz

Sweep Time
8ms

TX Time
2.894ms

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.2502m_DH5-AFH	400m	2.894m

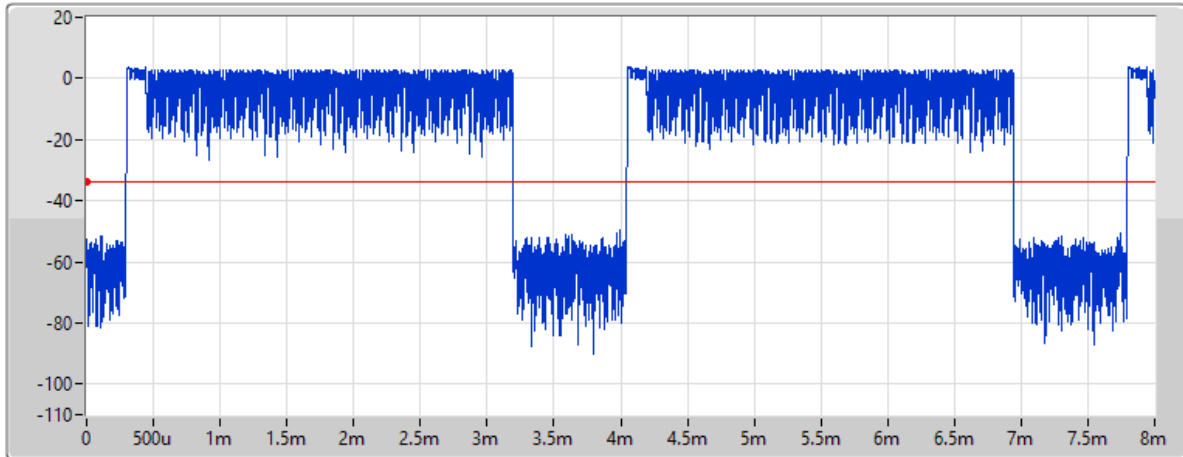
DH5-AFH

BT-EDR(2Mbps)

2440MHz

Dwell-FS

19/01/2022



Port 1 

Ch Freq
2.44GHz

RBW
300kHz

VBW
1MHz

Sweep Time
8ms

TX Time
2.90125ms

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
31.6	309.27325m_DH5	400m	2.90125m

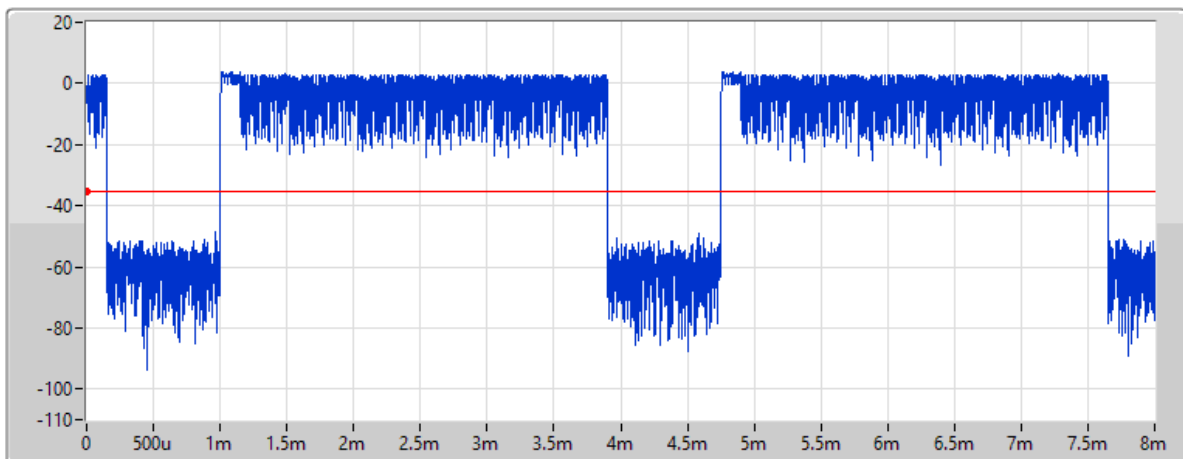
DH5

BT-EDR(2Mbps)

2440MHz

Dwell-FS

19/01/2022



Port 1 

Ch Freq
2.44GHz

RBW
300kHz

VBW
1MHz

Sweep Time
8ms

TX Time
2.90125ms

Period(s)	Dwell(s)	Limit(s)	Tx On(s)
8	154.636625m_DH5-AFH	400m	2.90125m

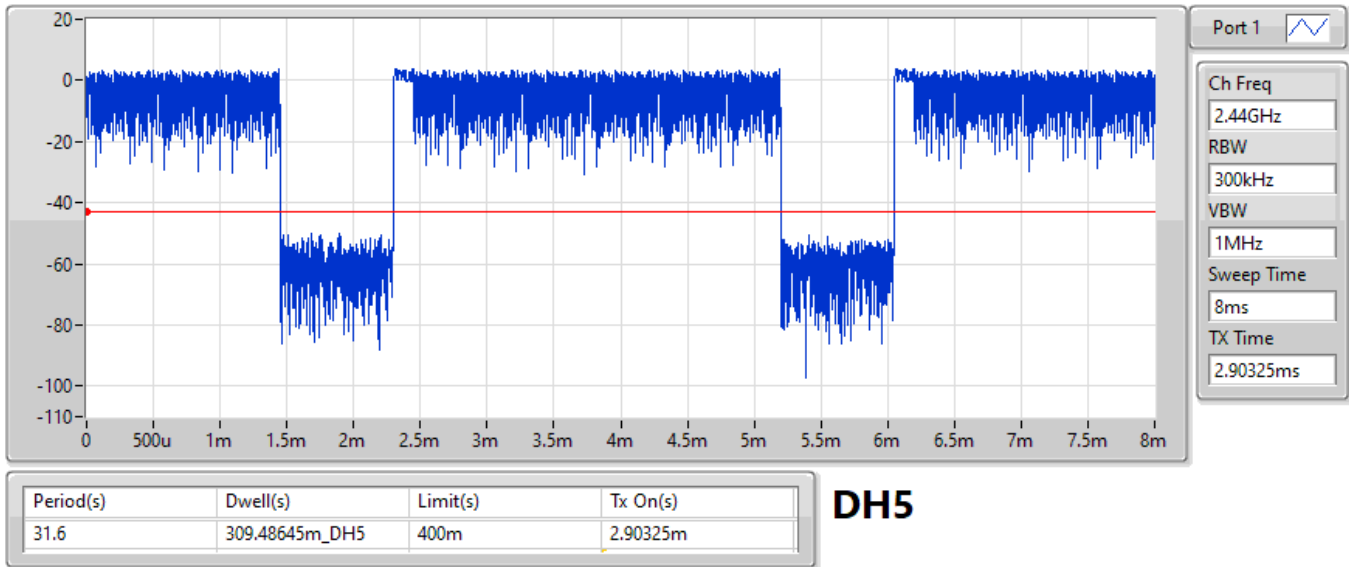
DH5-AFH

BT-EDR(3Mbps)

2440MHz

Dwell-FS

19/01/2022

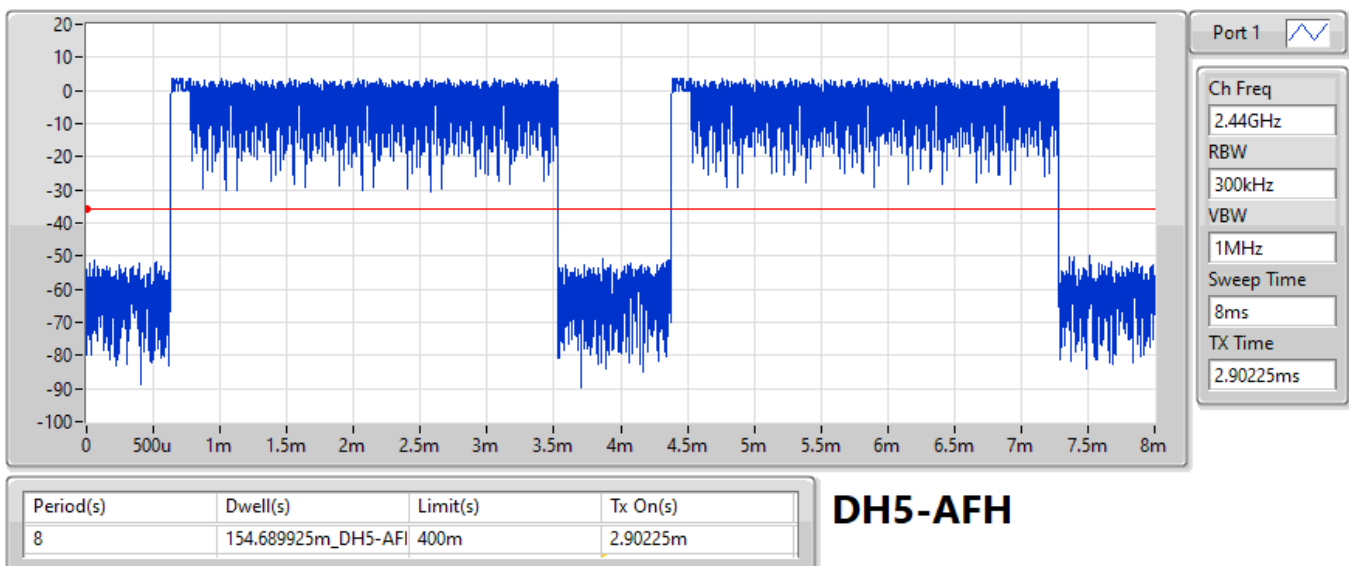


BT-EDR(3Mbps)

2440MHz

Dwell-FS

19/01/2022





Summary

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	2.40205G	1.84	-18.16	1.95348G	-55.70	2.39398G	-52.17	2.4G	-53.59	2.49603G	-53.67	21.53835G	-43.04	1
BT-EDR(2Mbps)	Pass	2.402G	2.03	-17.97	2.19611G	-55.54	2.39957G	-49.67	2.4G	-51.57	2.49759G	-53.64	24.19856G	-42.46	1
BT-EDR(3Mbps)	Pass	2.402G	2.02	-17.98	1.95935G	-55.68	2.39999G	-48.55	2.4G	-49.66	2.49028G	-52.85	24.4882G	-42.19	1

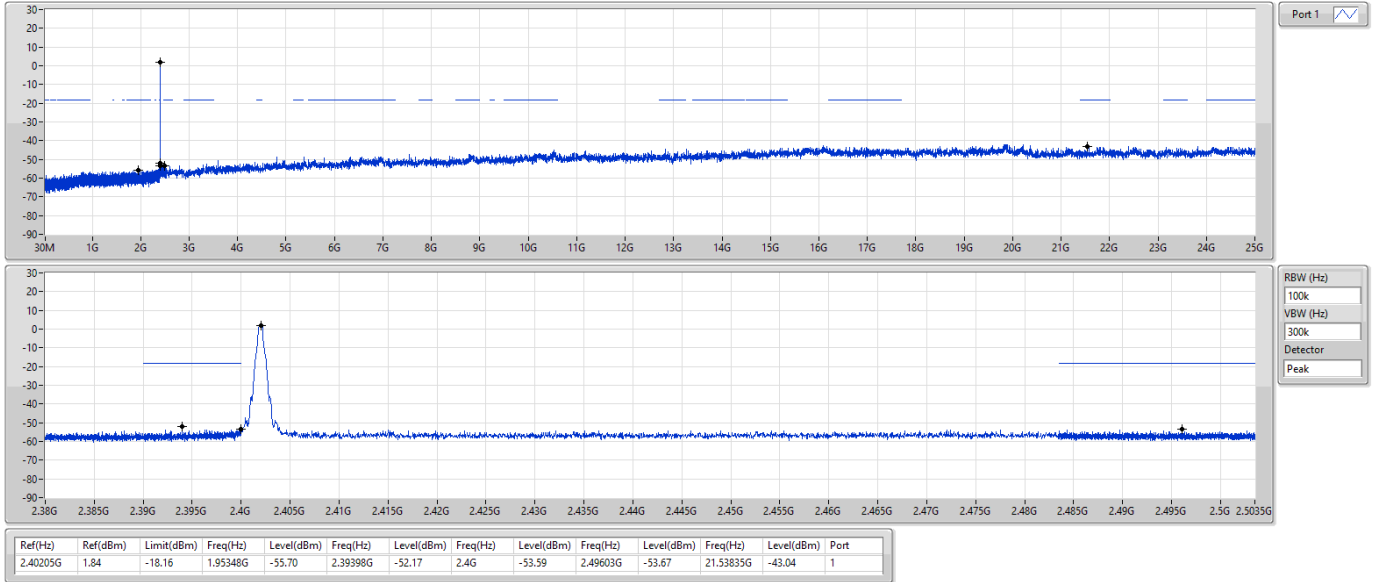
Result

Mode	Result	Ref (Hz)	Ref (dBm)	Limit (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Freq (Hz)	Level (dBm)	Port
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.40205G	1.84	-18.16	1.95348G	-55.70	2.39398G	-52.17	2.4G	-53.59	2.49603G	-53.67	21.53835G	-43.04	1
2440MHz	Pass	2.44G	1.81	-18.19	2.12356G	-54.91	2.3978G	-54.30	2.4835G	-57.91	2.49971G	-53.84	16.22637G	-41.32	1
2480MHz	Pass	2.47987G	1.79	-18.21	2.30921G	-54.85	2.39829G	-53.37	2.4835G	-55.48	2.48991G	-52.41	24.49383G	-42.69	1
BT-EDR(2Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	2.03	-17.97	2.19611G	-55.54	2.39957G	-49.67	2.4G	-51.57	2.49759G	-53.64	24.19856G	-42.46	1
2440MHz	Pass	2.44016G	2.24	-17.76	2.30245G	-55.58	2.39621G	-54.32	2.4G	-56.10	2.48802G	-53.23	24.20419G	-42.02	1
2480MHz	Pass	2.48003G	2.22	-17.78	2.13413G	-55.06	2.39396G	-54.36	2.4835G	-54.52	2.48552G	-52.84	24.50789G	-41.77	1
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	2.402G	2.02	-17.98	1.95935G	-55.68	2.39999G	-48.55	2.4G	-49.66	2.49028G	-52.85	24.4882G	-42.19	1
2440MHz	Pass	2.43983G	2.45	-17.55	1.85096G	-54.49	2.39916G	-54.42	2.4835G	-56.03	2.48891G	-54.15	21.77175G	-41.83	1
2480MHz	Pass	2.47987G	2.16	-17.84	1.90736G	-55.28	2.39983G	-53.91	2.4835G	-53.81	2.48826G	-53.13	24.19856G	-41.31	1

BT-BR(1Mbps)

CSENdB-FS

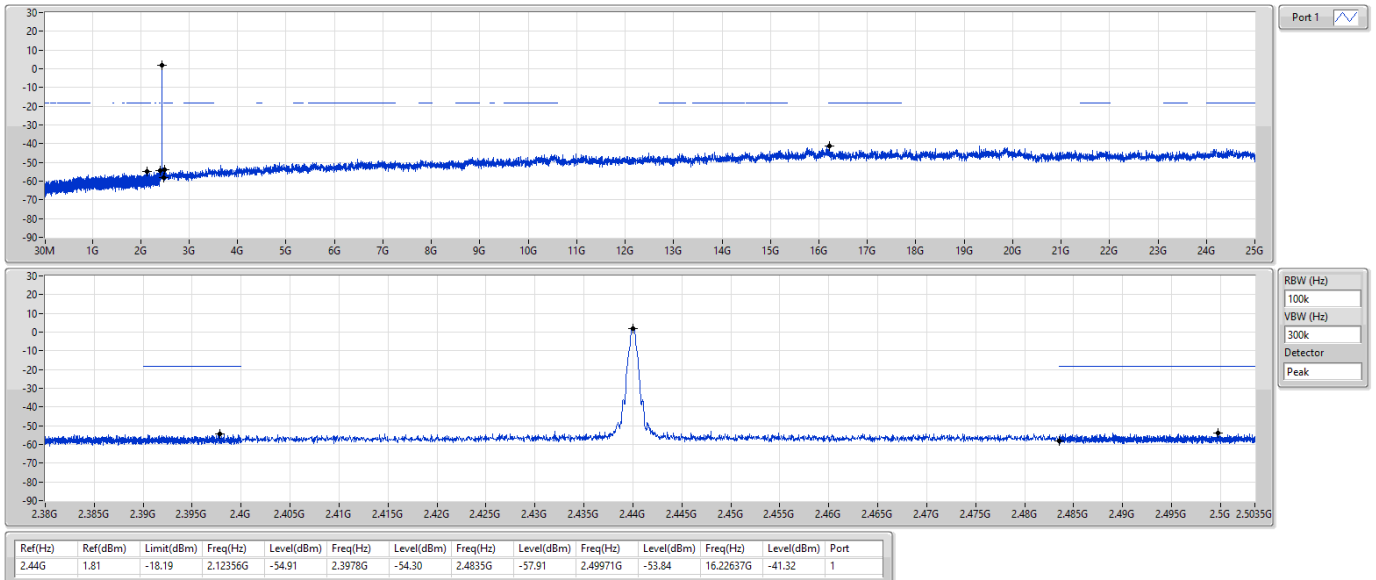
2402MHz



BT-BR(1Mbps)

CSENdB-FS

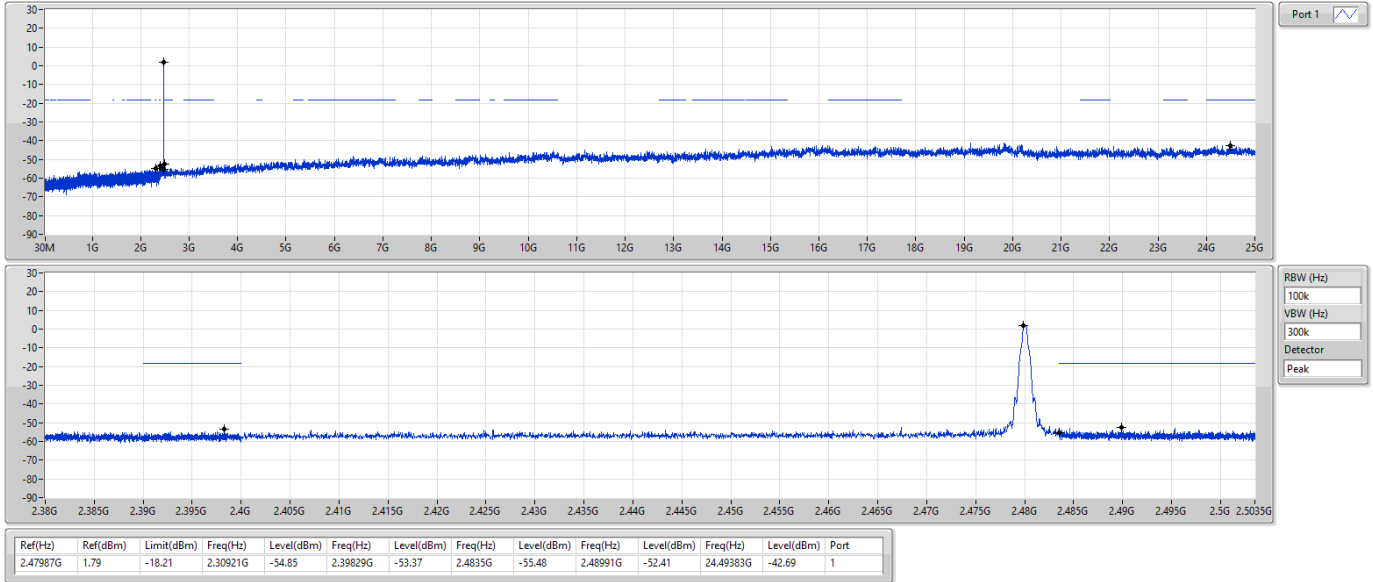
2440MHz



BT-BR(1Mbps)

CSEndB-FS

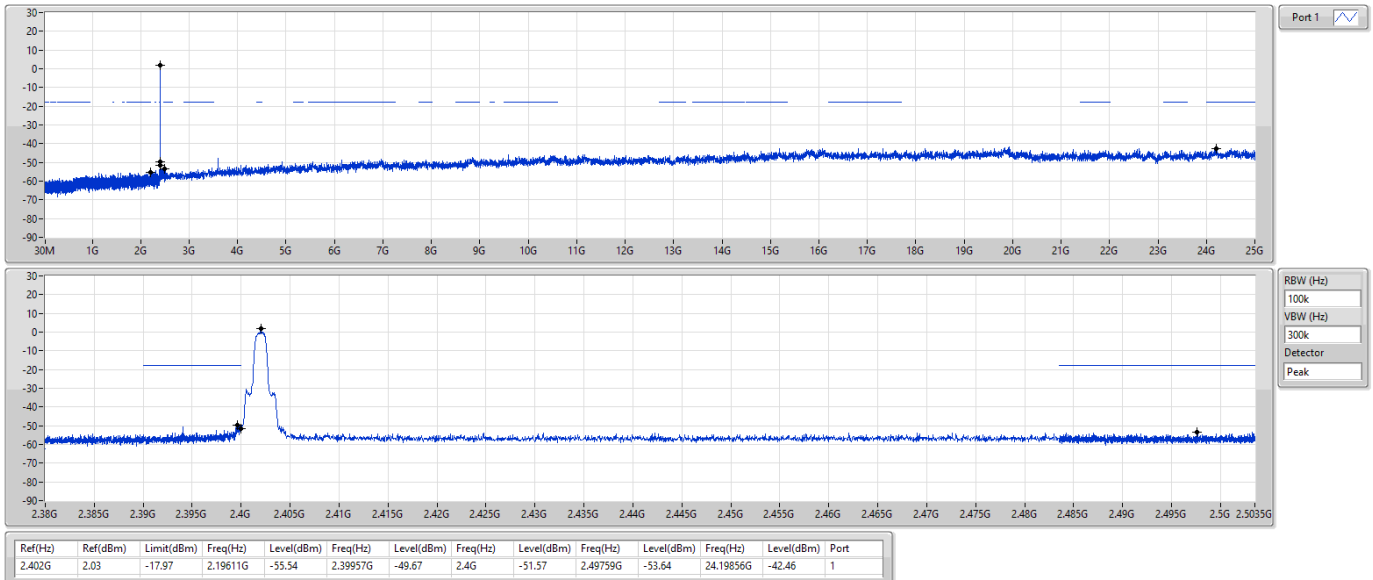
2480MHz



BT-EDR(2Mbps)

CSEndB-FS

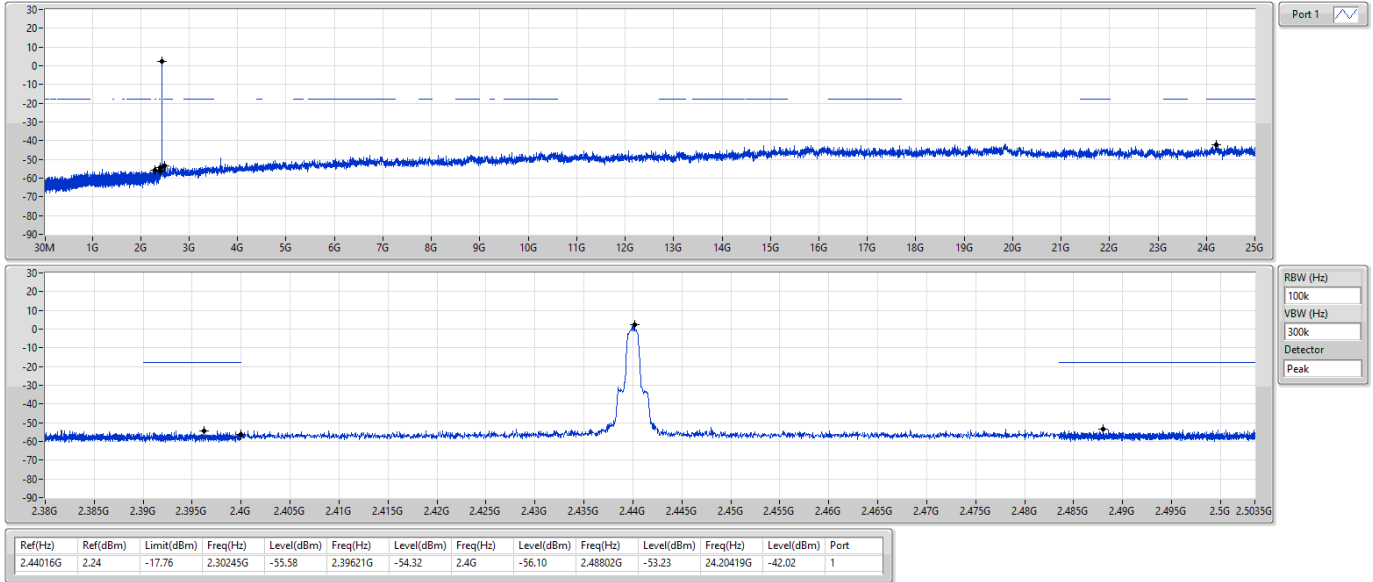
2402MHz



BT-EDR(2Mbps)

CSEndB-FS

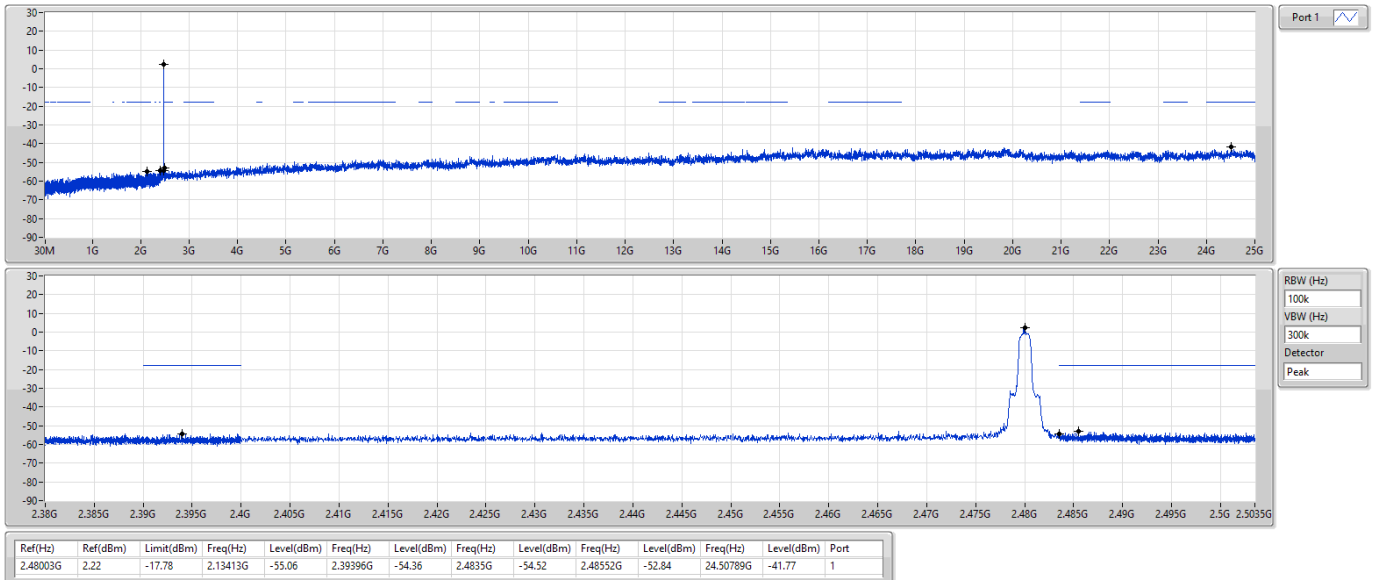
2440MHz



BT-EDR(2Mbps)

CSEndB-FS

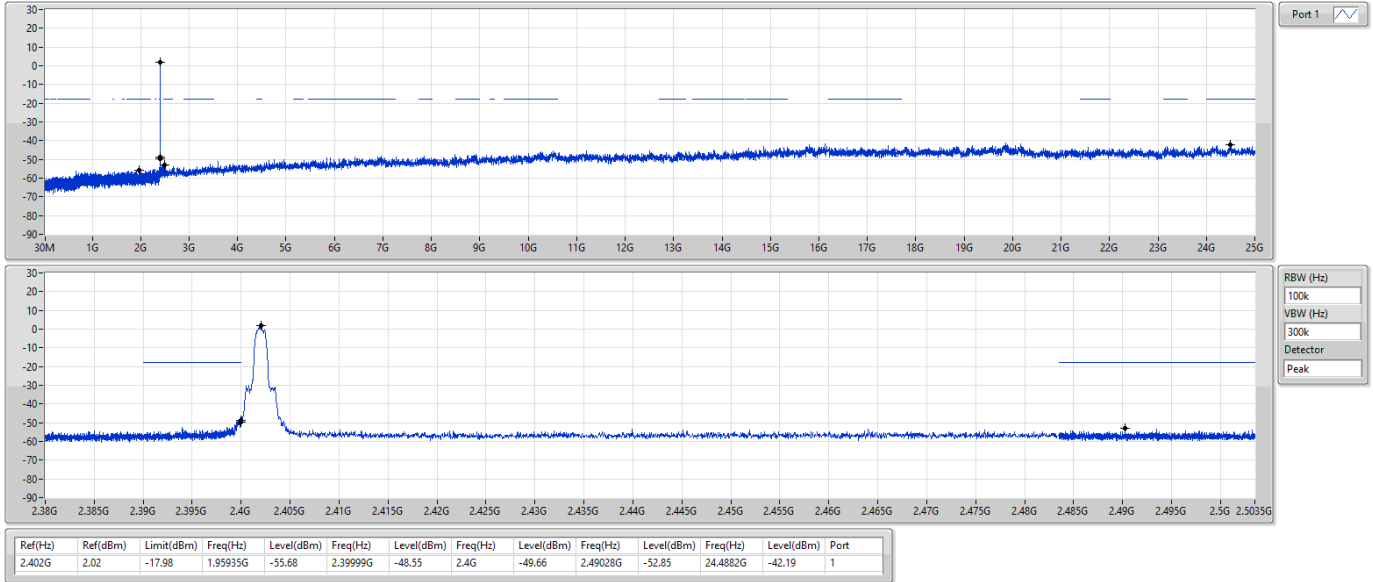
2480MHz



BT-EDR(3Mbps)

CSEndB-FS

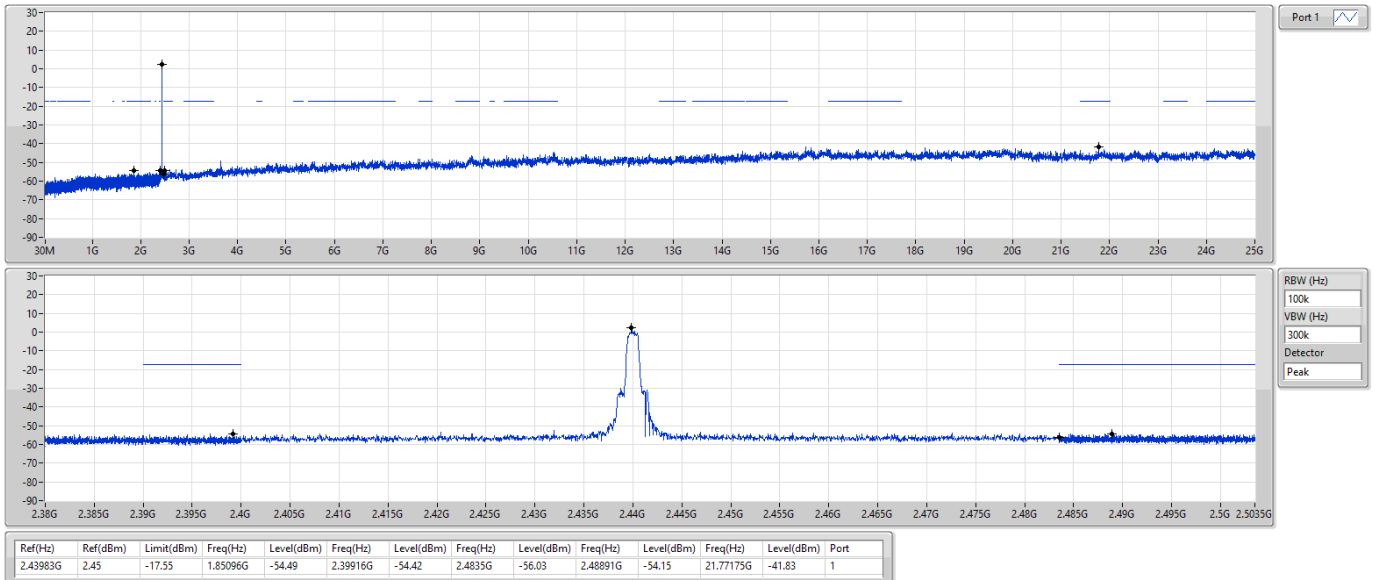
2402MHz



BT-EDR(3Mbps)

CSEndB-FS

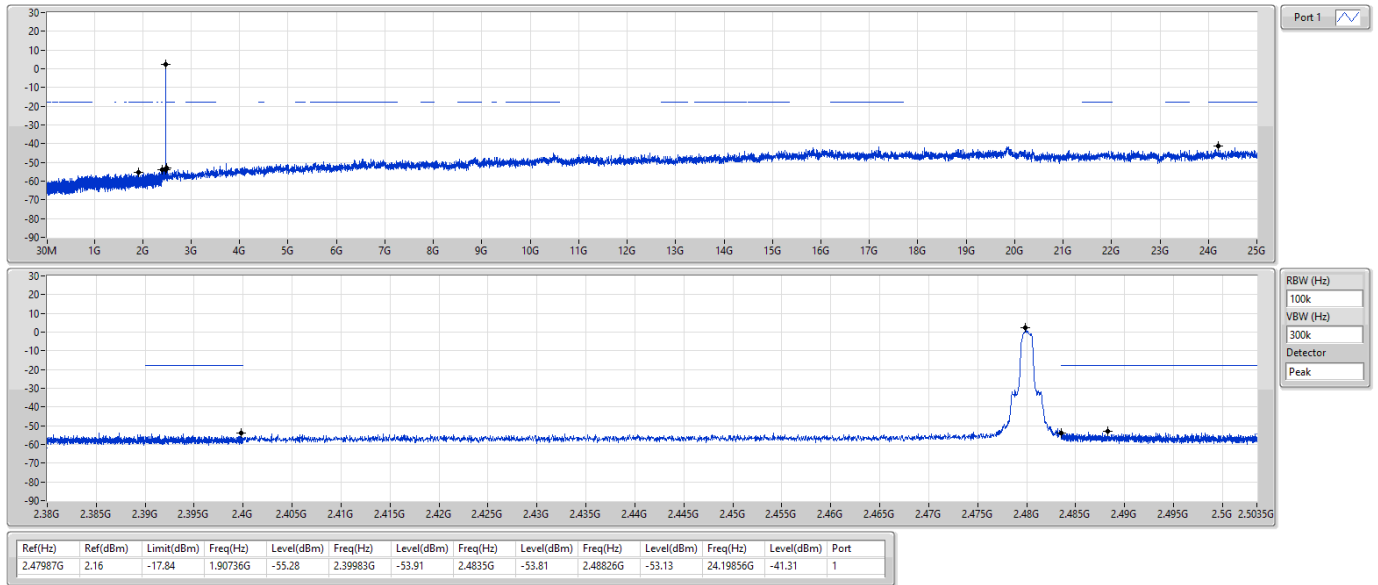
2440MHz



BT-EDR(3Mbps)

CSEndB-FS

2480MHz





Summary

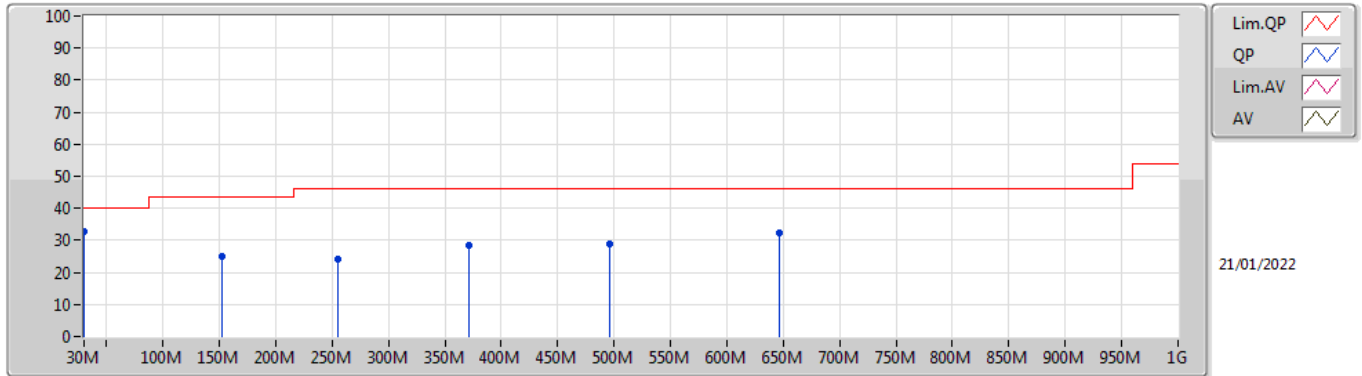
Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-EDR(3Mbps)	Pass	PK	30M	32.90	40.00	-7.10	3	Vertical	0	1.00	-

Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-
2440MHz	Pass	PK	30M	32.90	40.00	-7.10	3	Vertical	0	1.00	-
2440MHz	Pass	PK	152.22M	24.98	43.50	-18.52	3	Vertical	0	1.00	-
2440MHz	Pass	PK	255.04M	24.25	46.00	-21.75	3	Vertical	0	1.00	-
2440MHz	Pass	PK	371.44M	28.58	46.00	-17.42	3	Vertical	0	1.00	-
2440MHz	Pass	PK	495.6M	28.68	46.00	-17.32	3	Vertical	0	1.00	-
2440MHz	Pass	PK	646.92M	32.36	46.00	-13.64	3	Vertical	0	1.00	-
2440MHz	Pass	PK	84.32M	29.89	40.00	-10.11	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	152.22M	31.47	43.50	-12.03	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	189.08M	33.00	43.50	-10.50	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	371.44M	27.90	46.00	-18.10	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	493.66M	29.88	46.00	-16.12	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	646.92M	37.12	46.00	-8.88	3	Horizontal	360	1.00	-
2440MHz	Pass	PK	97.9M	23.18	43.50	-20.32	3	Vertical	360	1.00	-
2440MHz	Pass	PK	146.4M	20.86	43.50	-22.64	3	Vertical	360	1.00	-
2440MHz	Pass	PK	262.8M	19.93	46.00	-26.07	3	Vertical	360	1.00	-
2440MHz	Pass	PK	443.22M	23.95	46.00	-22.05	3	Vertical	360	1.00	-
2440MHz	Pass	PK	687.66M	27.98	46.00	-18.02	3	Vertical	360	1.00	-
2440MHz	Pass	PK	889.42M	28.67	46.00	-17.33	3	Vertical	360	1.00	-
2440MHz	Pass	PK	105.66M	23.43	43.50	-20.07	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	146.4M	21.49	43.50	-22.01	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	262.8M	19.80	46.00	-26.20	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	410.24M	25.73	46.00	-20.27	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	691.54M	29.67	46.00	-16.33	3	Horizontal	0	1.00	-
2440MHz	Pass	PK	932.1M	29.85	46.00	-16.15	3	Horizontal	0	1.00	-

BT-EDR(3Mbps)

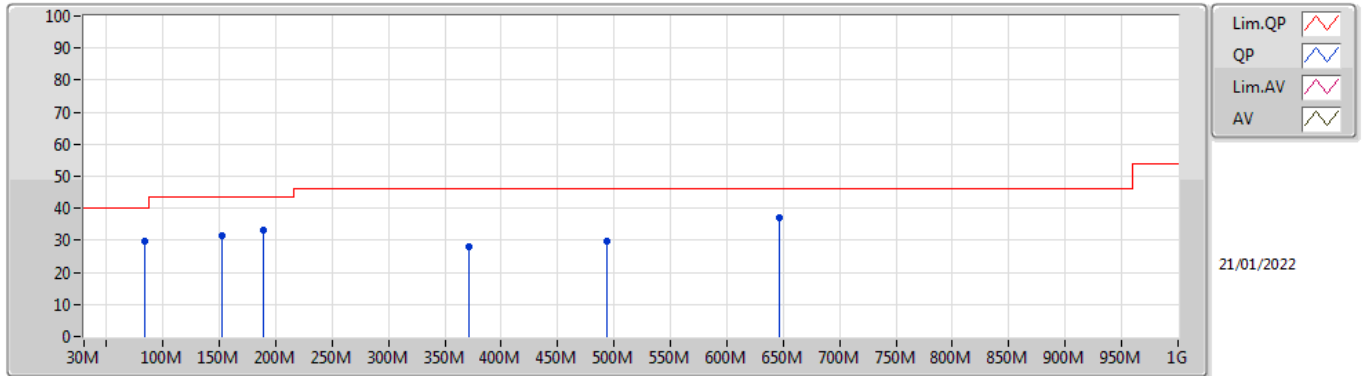
2440MHz_USB



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
PK	30M	32.90	40.00	-7.10	-2.87	3	Vertical	0	1.00	-	35.77	23.26	0.86	26.99
PK	152.22M	24.98	43.50	-18.52	-10.25	3	Vertical	0	1.00	-	35.23	15.58	1.72	27.55
PK	255.04M	24.25	46.00	-21.75	-6.69	3	Vertical	0	1.00	-	30.94	18.16	2.17	27.02
PK	371.44M	28.58	46.00	-17.42	-4.88	3	Vertical	0	1.00	-	33.46	20.01	2.63	27.52
PK	495.6M	28.68	46.00	-17.32	-2.56	3	Vertical	0	1.00	-	31.24	22.71	3.06	28.33
PK	646.92M	32.36	46.00	-13.64	-0.54	3	Vertical	0	1.00	-	32.90	24.22	3.45	28.21

BT-EDR(3Mbps)

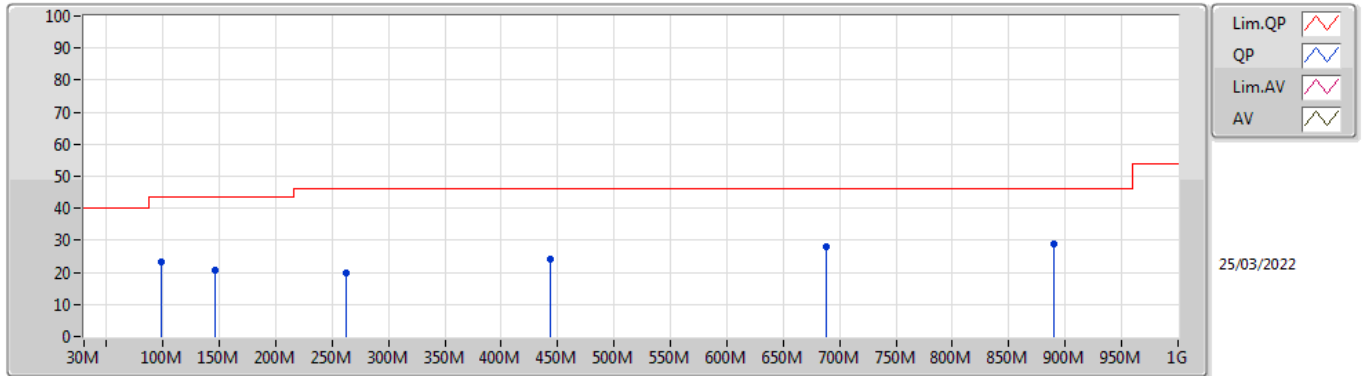
2440MHz_USB



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	84.32M	29.89	40.00	-10.11	-13.72	3	Horizontal	360	1.00	-	43.61	12.80	1.33	27.85
PK	152.22M	31.47	43.50	-12.03	-10.25	3	Horizontal	360	1.00	-	41.72	15.58	1.72	27.55
PK	189.08M	33.00	43.50	-10.50	-11.21	3	Horizontal	360	1.00	-	44.21	14.28	1.91	27.40
PK	371.44M	27.90	46.00	-18.10	-4.88	3	Horizontal	360	1.00	-	32.78	20.01	2.63	27.52
PK	493.66M	29.88	46.00	-16.12	-2.54	3	Horizontal	360	1.00	-	32.42	22.71	3.06	28.31
PK	646.92M	37.12	46.00	-8.88	-0.54	3	Horizontal	360	1.00	-	37.66	24.22	3.45	28.21

BT-EDR(3Mbps)

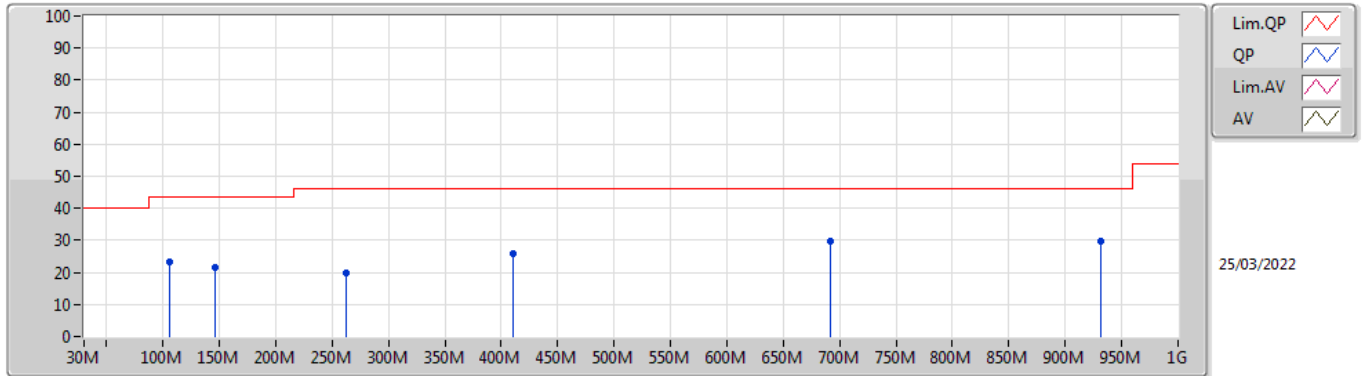
2440MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	97.9M	23.18	43.50	-20.32	-10.69	3	Vertical	360	1.00	-	33.87	15.67	1.41	27.77
PK	146.4M	20.86	43.50	-22.64	-10.06	3	Vertical	360	1.00	-	30.92	15.83	1.68	27.57
PK	262.8M	19.93	46.00	-26.07	-6.16	3	Vertical	360	1.00	-	26.09	18.67	2.20	27.03
PK	443.22M	23.95	46.00	-22.05	-3.34	3	Vertical	360	1.00	-	27.29	21.81	2.88	28.03
PK	687.66M	27.98	46.00	-18.02	-0.49	3	Vertical	360	1.00	-	28.47	24.18	3.56	28.23
PK	889.42M	28.67	46.00	-17.33	2.18	3	Vertical	360	1.00	-	26.49	25.65	4.08	27.55

BT-EDR(3Mbps)

2440MHz_Adapter



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
PK	105.66M	23.43	43.50	-20.07	-9.56	3	Horizontal	0	1.00	-	32.99	16.77	1.45	27.78
PK	146.4M	21.49	43.50	-22.01	-10.06	3	Horizontal	0	1.00	-	31.55	15.83	1.68	27.57
PK	262.8M	19.80	46.00	-26.20	-6.16	3	Horizontal	0	1.00	-	25.96	18.67	2.20	27.03
PK	410.24M	25.73	46.00	-20.27	-3.52	3	Horizontal	0	1.00	-	29.25	21.55	2.77	27.84
PK	691.54M	29.67	46.00	-16.33	-0.48	3	Horizontal	0	1.00	-	30.15	24.18	3.57	28.23
PK	932.1M	29.85	46.00	-16.15	2.69	3	Horizontal	0	1.00	-	27.16	25.90	4.15	27.36



Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
2.4-2.4835GHz	-	-	-	-	-	-	-	-	-	-	-
BT-BR(1Mbps)	Pass	PK	2.3728G	59.56	74.00	-14.44	3	Horizontal	236	1.50	-
BT-EDR(3Mbps)	Pass	PK	2.3892G	59.17	74.00	-14.83	3	Vertical	241	1.14	-



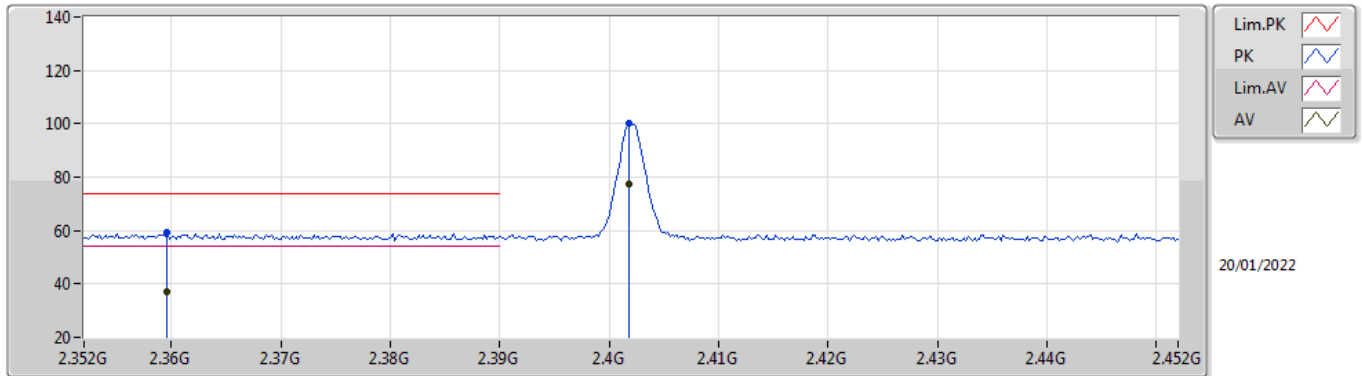
Result

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-BR(1Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3596G	36.82	54.00	-17.18	3	Vertical	250	1.11	-
2402MHz	Pass	AV	2.4018G	77.43	Inf	-Inf	3	Vertical	250	1.11	-
2402MHz	Pass	PK	2.3596G	59.32	74.00	-14.68	3	Vertical	250	1.11	-
2402MHz	Pass	PK	2.4018G	99.93	Inf	-Inf	3	Vertical	250	1.11	-
2402MHz	Pass	AV	2.3728G	37.06	54.00	-16.94	3	Horizontal	236	1.50	-
2402MHz	Pass	AV	2.4018G	77.86	Inf	-Inf	3	Horizontal	236	1.50	-
2402MHz	Pass	PK	2.3728G	59.56	74.00	-14.44	3	Horizontal	236	1.50	-
2402MHz	Pass	PK	2.4018G	100.36	Inf	-Inf	3	Horizontal	236	1.50	-
2402MHz	Pass	AV	3.60273G	28.00	54.00	-26.00	3	Vertical	75	1.00	-
2402MHz	Pass	AV	4.80422G	23.95	54.00	-30.05	3	Vertical	260	2.87	-
2402MHz	Pass	PK	3.60273G	50.50	74.00	-23.50	3	Vertical	75	1.00	-
2402MHz	Pass	PK	4.80422G	46.45	74.00	-27.55	3	Vertical	260	2.87	-
2402MHz	Pass	AV	3.60279G	30.28	54.00	-23.72	3	Horizontal	44	1.38	-
2402MHz	Pass	AV	4.80386G	22.94	54.00	-31.06	3	Horizontal	60	1.00	-
2402MHz	Pass	PK	3.60279G	52.78	74.00	-21.22	3	Horizontal	44	1.38	-
2402MHz	Pass	PK	4.80386G	45.44	74.00	-28.56	3	Horizontal	60	1.00	-
2440MHz	Pass	AV	2.3408G	36.73	54.00	-17.27	3	Vertical	240	1.13	-
2440MHz	Pass	AV	2.44G	76.05	Inf	-Inf	3	Vertical	240	1.13	-
2440MHz	Pass	AV	2.494G	35.83	54.00	-18.17	3	Vertical	240	1.13	-
2440MHz	Pass	PK	2.3408G	59.23	74.00	-14.77	3	Vertical	240	1.13	-
2440MHz	Pass	PK	2.44G	98.55	Inf	-Inf	3	Vertical	240	1.13	-
2440MHz	Pass	PK	2.494G	58.33	74.00	-15.67	3	Vertical	240	1.13	-
2440MHz	Pass	AV	2.34G	36.78	54.00	-17.22	3	Horizontal	244	1.25	-
2440MHz	Pass	AV	2.44G	75.26	Inf	-Inf	3	Horizontal	244	1.25	-
2440MHz	Pass	AV	2.486G	36.23	54.00	-17.77	3	Horizontal	244	1.25	-
2440MHz	Pass	PK	2.34G	59.28	74.00	-14.72	3	Horizontal	244	1.25	-
2440MHz	Pass	PK	2.44G	97.76	Inf	-Inf	3	Horizontal	244	1.25	-
2440MHz	Pass	PK	2.486G	58.73	74.00	-15.27	3	Horizontal	244	1.25	-
2440MHz	Pass	AV	3.65982G	25.36	54.00	-28.64	3	Vertical	76	1.20	-
2440MHz	Pass	AV	4.87962G	21.72	54.00	-32.28	3	Vertical	86	1.18	-
2440MHz	Pass	AV	7.32047G	34.79	54.00	-19.21	3	Vertical	228	1.07	-
2440MHz	Pass	PK	3.65982G	47.86	74.00	-26.14	3	Vertical	76	1.20	-
2440MHz	Pass	PK	4.87962G	44.22	74.00	-29.78	3	Vertical	86	1.18	-
2440MHz	Pass	PK	7.32047G	57.29	74.00	-16.71	3	Vertical	228	1.07	-
2440MHz	Pass	AV	3.65983G	27.13	54.00	-26.87	3	Horizontal	46	1.00	-
2440MHz	Pass	AV	4.8796G	23.63	54.00	-30.37	3	Horizontal	192	2.71	-
2440MHz	Pass	AV	7.3195G	36.36	54.00	-17.64	3	Horizontal	277	1.00	-
2440MHz	Pass	PK	3.65983G	49.63	74.00	-24.37	3	Horizontal	46	1.00	-
2440MHz	Pass	PK	4.8796G	46.13	74.00	-27.87	3	Horizontal	192	2.71	-
2440MHz	Pass	PK	7.3195G	58.86	74.00	-15.14	3	Horizontal	277	1.00	-
2480MHz	Pass	AV	2.4798G	76.43	Inf	-Inf	3	Vertical	242	1.00	-
2480MHz	Pass	AV	2.4984G	36.41	54.00	-17.59	3	Vertical	242	1.00	-
2480MHz	Pass	PK	2.4798G	98.93	Inf	-Inf	3	Vertical	242	1.00	-
2480MHz	Pass	PK	2.4984G	58.91	74.00	-15.09	3	Vertical	242	1.00	-
2480MHz	Pass	AV	2.4798G	75.57	Inf	-Inf	3	Horizontal	242	1.00	-
2480MHz	Pass	AV	2.4836G	36.44	54.00	-17.56	3	Horizontal	242	1.00	-
2480MHz	Pass	PK	2.4798G	98.07	Inf	-Inf	3	Horizontal	242	1.00	-
2480MHz	Pass	PK	2.4836G	58.94	74.00	-15.06	3	Horizontal	242	1.00	-
2480MHz	Pass	AV	3.72019G	22.63	54.00	-31.37	3	Vertical	78	1.50	-
2480MHz	Pass	AV	4.96025G	23.60	54.00	-30.40	3	Vertical	54	2.57	-
2480MHz	Pass	AV	7.43954G	34.35	54.00	-19.65	3	Vertical	227	1.08	-
2480MHz	Pass	PK	3.72019G	45.13	74.00	-28.87	3	Vertical	78	1.50	-
2480MHz	Pass	PK	4.96025G	46.10	74.00	-27.90	3	Vertical	54	2.57	-
2480MHz	Pass	PK	7.43954G	56.85	74.00	-17.15	3	Vertical	227	1.08	-
2480MHz	Pass	AV	3.72019G	24.79	54.00	-29.21	3	Horizontal	48	1.00	-
2480MHz	Pass	AV	4.96037G	22.97	54.00	-31.03	3	Horizontal	57	1.00	-
2480MHz	Pass	AV	7.43956G	35.06	54.00	-18.94	3	Horizontal	280	1.02	-
2480MHz	Pass	PK	3.72019G	47.29	74.00	-26.71	3	Horizontal	48	1.00	-
2480MHz	Pass	PK	4.96037G	45.47	74.00	-28.53	3	Horizontal	57	1.00	-
2480MHz	Pass	PK	7.43956G	57.56	74.00	-16.44	3	Horizontal	280	1.02	-

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comments
BT-EDR(3Mbps)	-	-	-	-	-	-	-	-	-	-	-
2402MHz	Pass	AV	2.3696G	36.62	54.00	-17.38	3	Vertical	250	1.11	-
2402MHz	Pass	AV	2.4018G	76.96	Inf	-Inf	3	Vertical	250	1.11	-
2402MHz	Pass	PK	2.3696G	59.12	74.00	-14.88	3	Vertical	250	1.11	-
2402MHz	Pass	PK	2.4018G	99.46	Inf	-Inf	3	Vertical	250	1.11	-
2402MHz	Pass	AV	2.3654G	36.52	54.00	-17.48	3	Horizontal	239	1.19	-
2402MHz	Pass	AV	2.4018G	77.10	Inf	-Inf	3	Horizontal	239	1.19	-
2402MHz	Pass	PK	2.3654G	59.02	74.00	-14.98	3	Horizontal	239	1.19	-
2402MHz	Pass	PK	2.4018G	99.60	Inf	-Inf	3	Horizontal	239	1.19	-
2402MHz	Pass	AV	3.6028G	28.30	54.00	-25.70	3	Vertical	74	1.00	-
2402MHz	Pass	AV	4.80363G	23.97	54.00	-30.03	3	Vertical	260	2.85	-
2402MHz	Pass	PK	3.6028G	50.80	74.00	-23.20	3	Vertical	74	1.00	-
2402MHz	Pass	PK	4.80363G	46.47	74.00	-27.53	3	Vertical	260	2.85	-
2402MHz	Pass	AV	3.60295G	30.89	54.00	-23.11	3	Horizontal	43	1.38	-
2402MHz	Pass	AV	4.80458G	22.86	54.00	-31.14	3	Horizontal	56	1.00	-
2402MHz	Pass	PK	3.60295G	53.39	74.00	-20.61	3	Horizontal	43	1.38	-
2402MHz	Pass	PK	4.80458G	45.36	74.00	-28.64	3	Horizontal	56	1.00	-
2440MHz	Pass	AV	2.3892G	36.67	54.00	-17.33	3	Vertical	241	1.14	-
2440MHz	Pass	AV	2.44G	77.29	Inf	-Inf	3	Vertical	241	1.14	-
2440MHz	Pass	AV	2.4976G	35.51	54.00	-18.49	3	Vertical	241	1.14	-
2440MHz	Pass	PK	2.3892G	59.17	74.00	-14.83	3	Vertical	241	1.14	-
2440MHz	Pass	PK	2.44G	99.79	Inf	-Inf	3	Vertical	241	1.14	-
2440MHz	Pass	PK	2.4976G	58.01	74.00	-15.99	3	Vertical	241	1.14	-
2440MHz	Pass	AV	2.3644G	36.40	54.00	-17.60	3	Horizontal	244	1.24	-
2440MHz	Pass	AV	2.44G	77.72	Inf	-Inf	3	Horizontal	244	1.24	-
2440MHz	Pass	AV	2.486G	35.78	54.00	-18.22	3	Horizontal	244	1.24	-
2440MHz	Pass	PK	2.3644G	58.90	74.00	-15.10	3	Horizontal	244	1.24	-
2440MHz	Pass	PK	2.44G	100.22	Inf	-Inf	3	Horizontal	244	1.24	-
2440MHz	Pass	PK	2.486G	58.28	74.00	-15.72	3	Horizontal	244	1.24	-
2440MHz	Pass	AV	3.65986G	26.36	54.00	-27.64	3	Vertical	77	1.06	-
2440MHz	Pass	AV	4.87934G	23.91	54.00	-30.09	3	Vertical	259	2.91	-
2440MHz	Pass	AV	7.31953G	35.59	54.00	-18.41	3	Vertical	224	1.04	-
2440MHz	Pass	PK	3.65986G	48.86	74.00	-25.14	3	Vertical	77	1.06	-
2440MHz	Pass	PK	4.87934G	46.41	74.00	-27.59	3	Vertical	259	2.91	-
2440MHz	Pass	PK	7.31953G	58.09	74.00	-15.91	3	Vertical	224	1.04	-
2440MHz	Pass	AV	3.66007G	28.28	54.00	-25.72	3	Horizontal	44	1.04	-
2440MHz	Pass	AV	4.87992G	23.85	54.00	-30.15	3	Horizontal	194	2.85	-
2440MHz	Pass	AV	7.31939G	36.43	54.00	-17.57	3	Horizontal	275	1.00	-
2440MHz	Pass	PK	3.66007G	50.78	74.00	-23.22	3	Horizontal	44	1.04	-
2440MHz	Pass	PK	4.87992G	46.35	74.00	-27.65	3	Horizontal	194	2.85	-
2440MHz	Pass	PK	7.31939G	58.93	74.00	-15.07	3	Horizontal	275	1.00	-
2480MHz	Pass	AV	2.4798G	77.78	Inf	-Inf	3	Vertical	240	1.00	-
2480MHz	Pass	AV	2.4864G	36.19	54.00	-17.81	3	Vertical	240	1.00	-
2480MHz	Pass	PK	2.4798G	100.28	Inf	-Inf	3	Vertical	240	1.00	-
2480MHz	Pass	PK	2.4864G	58.69	74.00	-15.31	3	Vertical	240	1.00	-
2480MHz	Pass	AV	2.4798G	77.00	Inf	-Inf	3	Horizontal	242	1.00	-
2480MHz	Pass	AV	2.4835G	36.51	54.00	-17.49	3	Horizontal	242	1.00	-
2480MHz	Pass	PK	2.4798G	99.50	Inf	-Inf	3	Horizontal	242	1.00	-
2480MHz	Pass	PK	2.4835G	59.01	74.00	-14.99	3	Horizontal	242	1.00	-
2480MHz	Pass	AV	3.71958G	23.37	54.00	-30.63	3	Vertical	76	1.12	-
2480MHz	Pass	AV	4.95985G	22.82	54.00	-31.18	3	Vertical	272	3.00	-
2480MHz	Pass	AV	7.44052G	34.96	54.00	-19.04	3	Vertical	226	1.05	-
2480MHz	Pass	PK	3.71958G	45.87	74.00	-28.13	3	Vertical	76	1.12	-
2480MHz	Pass	PK	4.95985G	45.32	74.00	-28.68	3	Vertical	272	3.00	-
2480MHz	Pass	PK	7.44052G	57.46	74.00	-16.54	3	Vertical	226	1.05	-
2480MHz	Pass	AV	3.71993G	25.14	54.00	-28.86	3	Horizontal	47	1.02	-
2480MHz	Pass	AV	4.9595G	22.93	54.00	-31.07	3	Horizontal	57	1.32	-
2480MHz	Pass	AV	7.43948G	35.30	54.00	-18.70	3	Horizontal	278	1.02	-
2480MHz	Pass	PK	3.71993G	47.64	74.00	-26.36	3	Horizontal	47	1.02	-
2480MHz	Pass	PK	4.9595G	45.43	74.00	-28.57	3	Horizontal	57	1.32	-
2480MHz	Pass	PK	7.43948G	57.80	74.00	-16.20	3	Horizontal	278	1.02	-

BT-BR(1Mbps)

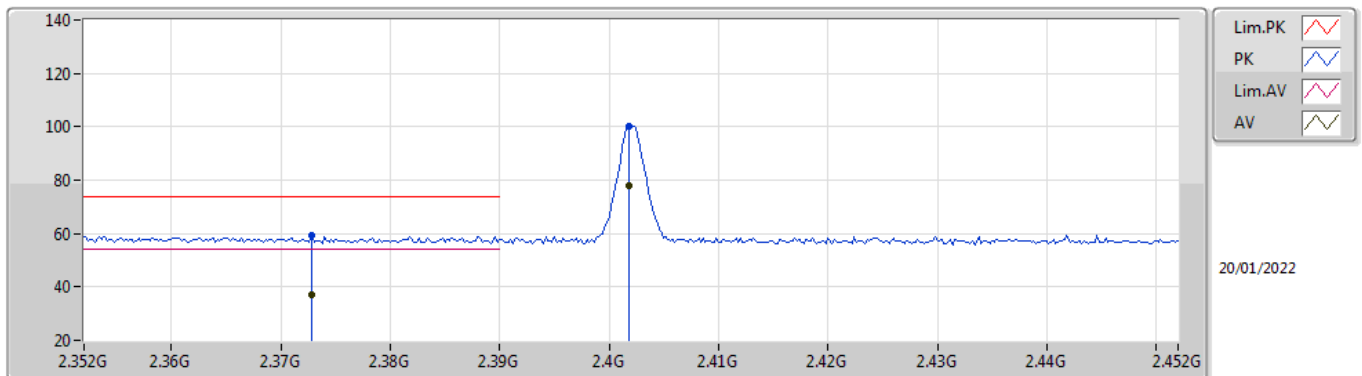
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3596G	36.82	54.00	-17.18	35.02	3	Vertical	250	1.11	-	1.80	27.78	7.24	-
AV	2.4018G	77.43	Inf	-Inf	34.95	3	Vertical	250	1.11	-	42.48	27.69	7.26	-
PK	2.3596G	59.32	74.00	-14.68	35.02	3	Vertical	250	1.11	-	24.30	27.78	7.24	-
PK	2.4018G	99.93	Inf	-Inf	34.95	3	Vertical	250	1.11	-	64.98	27.69	7.26	-

BT-BR(1Mbps)

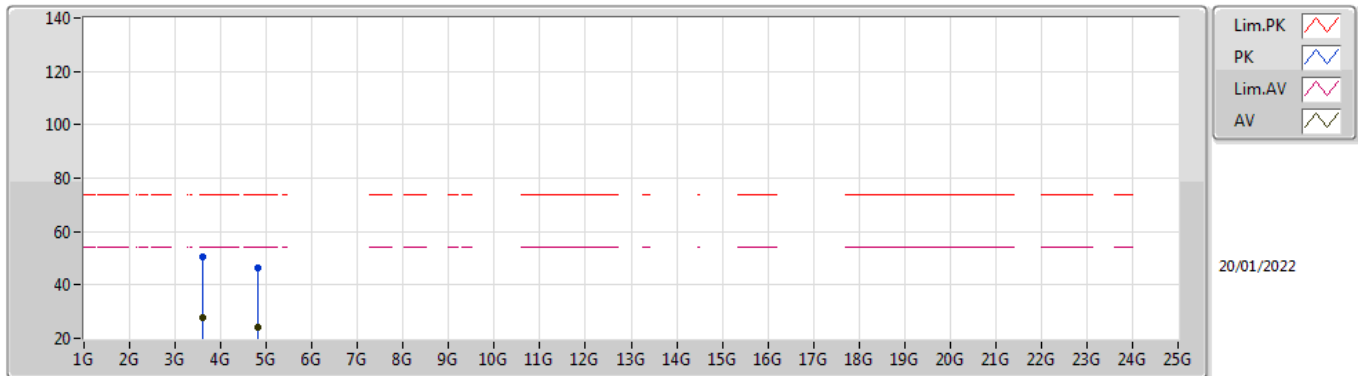
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3728G	37.06	54.00	-16.94	35.00	3	Horizontal	236	1.50	-	2.06	27.75	7.25	-
AV	2.4018G	77.86	Inf	-Inf	34.95	3	Horizontal	236	1.50	-	42.91	27.69	7.26	-
PK	2.3728G	59.56	74.00	-14.44	35.00	3	Horizontal	236	1.50	-	24.56	27.75	7.25	-
PK	2.4018G	100.36	Inf	-Inf	34.95	3	Horizontal	236	1.50	-	65.41	27.69	7.26	-

BT-BR(1Mbps)

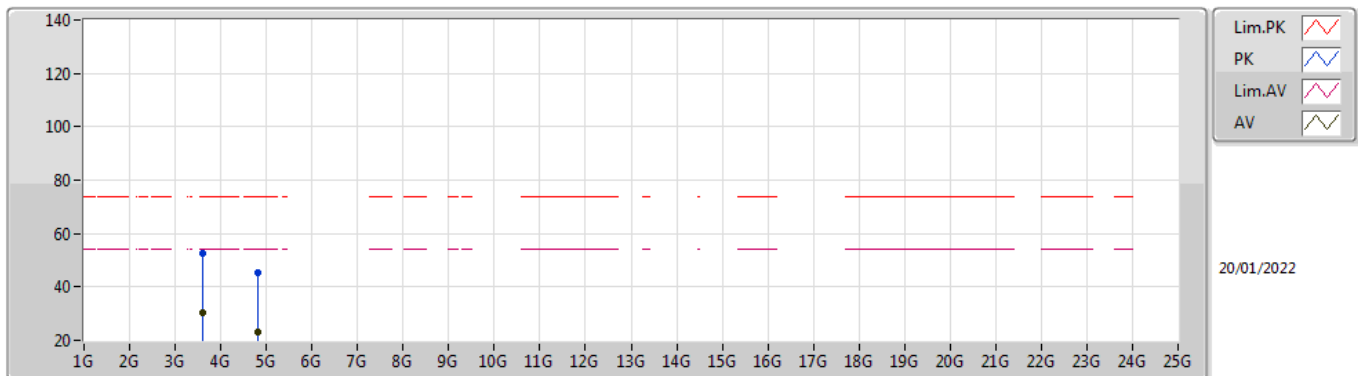
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.60273G	28.00	54.00	-26.00	2.20	3	Vertical	75	1.00	-	25.80	29.11	7.45	34.36
AV	4.80422G	23.95	54.00	-30.05	5.82	3	Vertical	260	2.87	-	18.13	31.11	8.90	34.19
PK	3.60273G	50.50	74.00	-23.50	2.20	3	Vertical	75	1.00	-	48.30	29.11	7.45	34.36
PK	4.80422G	46.45	74.00	-27.55	5.82	3	Vertical	260	2.87	-	40.63	31.11	8.90	34.19

BT-BR(1Mbps)

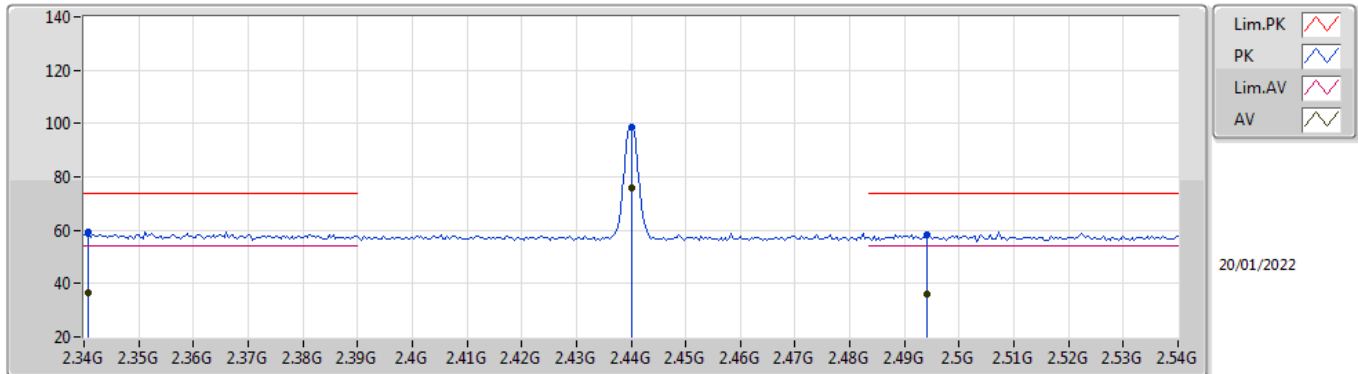
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.60279G	30.28	54.00	-23.72	2.20	3	Horizontal	44	1.38	-	28.08	29.11	7.45	34.36
AV	4.80386G	22.94	54.00	-31.06	5.82	3	Horizontal	60	1.00	-	17.12	31.11	8.90	34.19
PK	3.60279G	52.78	74.00	-21.22	2.20	3	Horizontal	44	1.38	-	50.58	29.11	7.45	34.36
PK	4.80386G	45.44	74.00	-28.56	5.82	3	Horizontal	60	1.00	-	39.62	31.11	8.90	34.19

BT-BR(1Mbps)

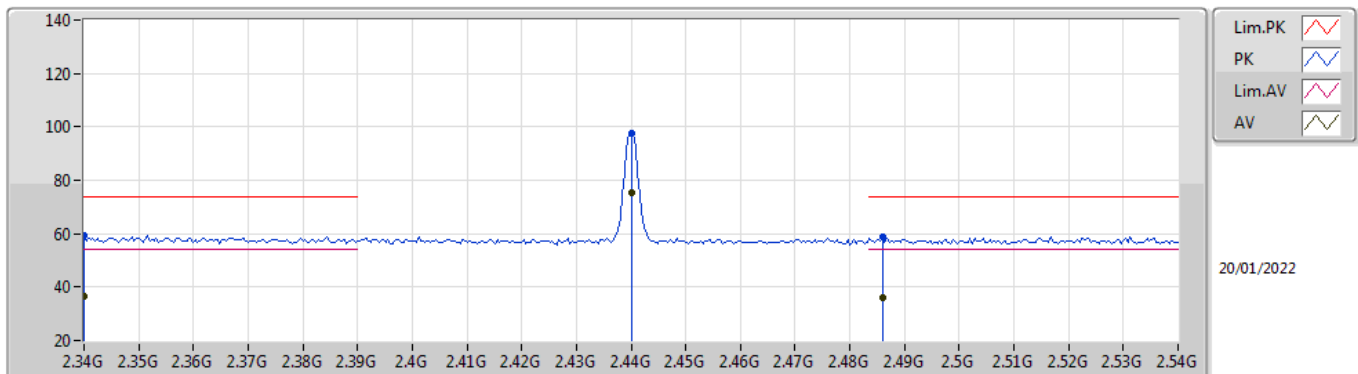
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3408G	36.73	54.00	-17.27	35.05	3	Vertical	240	1.13	-	1.68	27.82	7.23	-
AV	2.44G	76.05	Inf	-Inf	34.75	3	Vertical	240	1.13	-	41.30	27.46	7.29	-
AV	2.494G	35.83	54.00	-18.17	34.74	3	Vertical	240	1.13	-	1.09	27.40	7.34	-
PK	2.3408G	59.23	74.00	-14.77	35.05	3	Vertical	240	1.13	-	24.18	27.82	7.23	-
PK	2.44G	98.55	Inf	-Inf	34.75	3	Vertical	240	1.13	-	63.80	27.46	7.29	-
PK	2.494G	58.33	74.00	-15.67	34.74	3	Vertical	240	1.13	-	23.59	27.40	7.34	-

BT-BR(1Mbps)

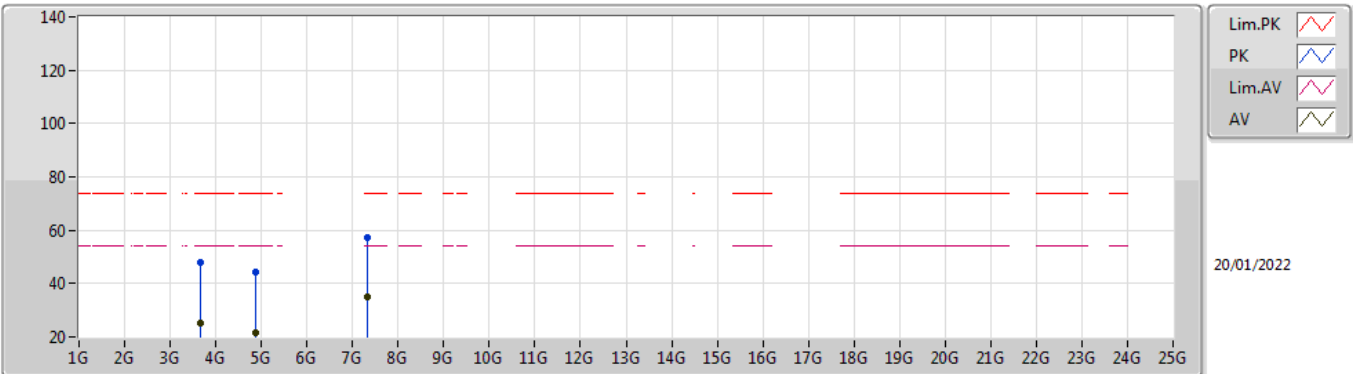
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.34G	36.78	54.00	-17.22	35.05	3	Horizontal	244	1.25	-	1.73	27.82	7.23	-
AV	2.44G	75.26	Inf	-Inf	34.75	3	Horizontal	244	1.25	-	40.51	27.46	7.29	-
AV	2.486G	36.23	54.00	-17.77	34.73	3	Horizontal	244	1.25	-	1.50	27.40	7.33	-
PK	2.34G	59.28	74.00	-14.72	35.05	3	Horizontal	244	1.25	-	24.23	27.82	7.23	-
PK	2.44G	97.76	Inf	-Inf	34.75	3	Horizontal	244	1.25	-	63.01	27.46	7.29	-
PK	2.486G	58.73	74.00	-15.27	34.73	3	Horizontal	244	1.25	-	24.00	27.40	7.33	-

BT-BR(1Mbps)

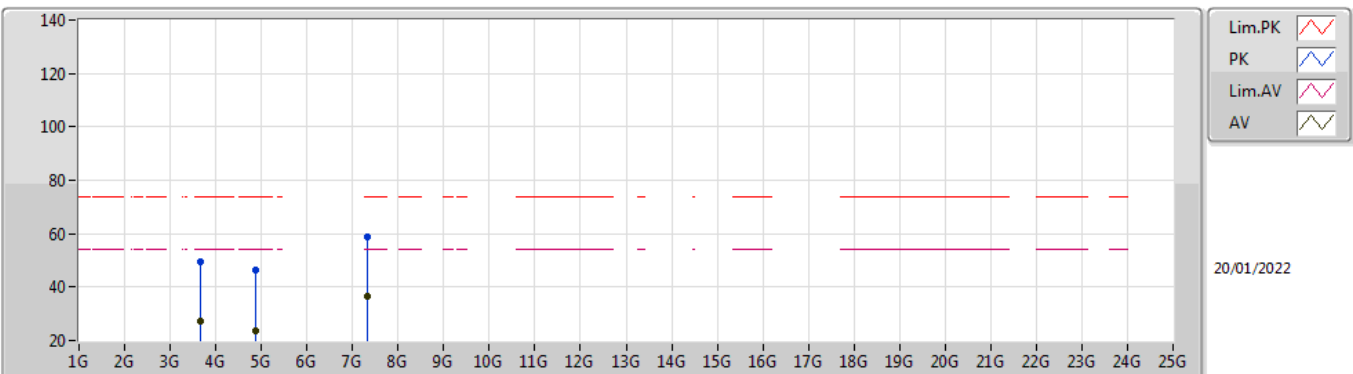
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.65982G	25.36	54.00	-28.64	2.44	3	Vertical	76	1.20	-	22.92	29.18	7.63	34.37
AV	4.87962G	21.72	54.00	-32.28	6.00	3	Vertical	86	1.18	-	15.72	31.20	8.96	34.16
AV	7.32047G	34.79	54.00	-19.21	12.49	3	Vertical	228	1.07	-	22.30	36.36	10.63	34.50
PK	3.65982G	47.86	74.00	-26.14	2.44	3	Vertical	76	1.20	-	45.42	29.18	7.63	34.37
PK	4.87962G	44.22	74.00	-29.78	6.00	3	Vertical	86	1.18	-	38.22	31.20	8.96	34.16
PK	7.32047G	57.29	74.00	-16.71	12.49	3	Vertical	228	1.07	-	44.80	36.36	10.63	34.50

BT-BR(1Mbps)

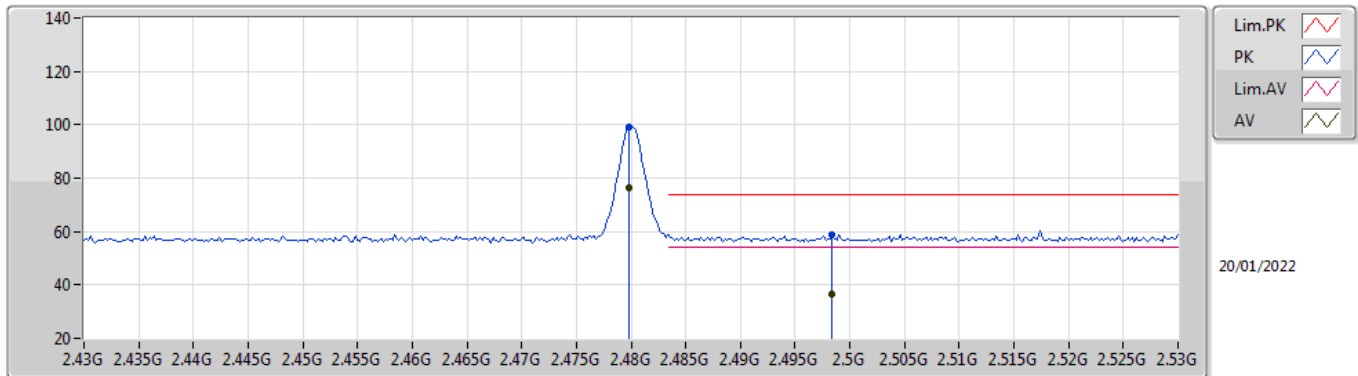
2440MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.65983G	27.13	54.00	-26.87	2.44	3	Horizontal	46	1.00	-	24.69	29.18	7.63	34.37
AV	4.8796G	23.63	54.00	-30.37	6.00	3	Horizontal	192	2.71	-	17.63	31.20	8.96	34.16
AV	7.3195G	36.36	54.00	-17.64	12.49	3	Horizontal	277	1.00	-	23.87	36.36	10.63	34.50
PK	3.65983G	49.63	74.00	-24.37	2.44	3	Horizontal	46	1.00	-	47.19	29.18	7.63	34.37
PK	4.8796G	46.13	74.00	-27.87	6.00	3	Horizontal	192	2.71	-	40.13	31.20	8.96	34.16
PK	7.3195G	58.86	74.00	-15.14	12.49	3	Horizontal	277	1.00	-	46.37	36.36	10.63	34.50

BT-BR(1Mbps)

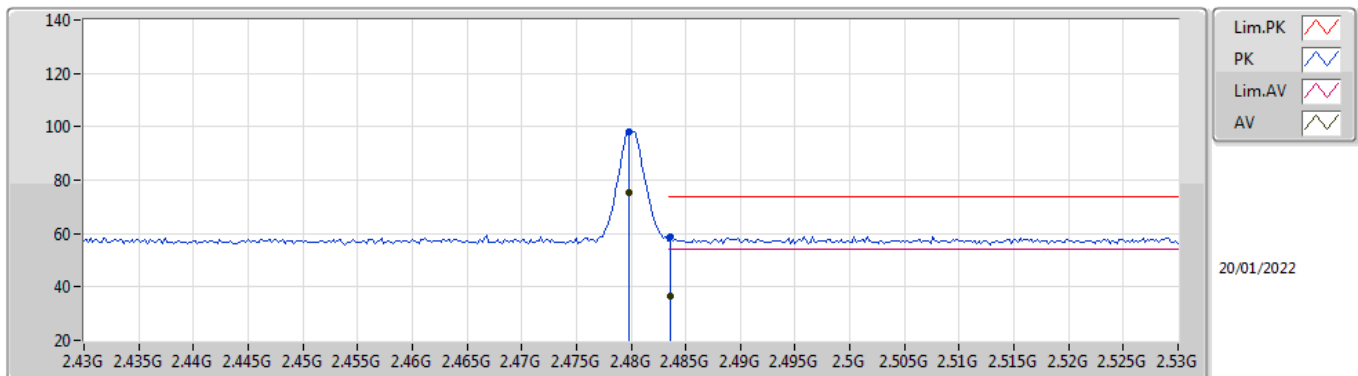
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4798G	76.43	Inf	-Inf	34.72	3	Vertical	242	1.00	-	41.71	27.40	7.32	-
AV	2.4984G	36.41	54.00	-17.59	34.74	3	Vertical	242	1.00	-	1.67	27.40	7.34	-
PK	2.4798G	98.93	Inf	-Inf	34.72	3	Vertical	242	1.00	-	64.21	27.40	7.32	-
PK	2.4984G	58.91	74.00	-15.09	34.74	3	Vertical	242	1.00	-	24.17	27.40	7.34	-

BT-BR(1Mbps)

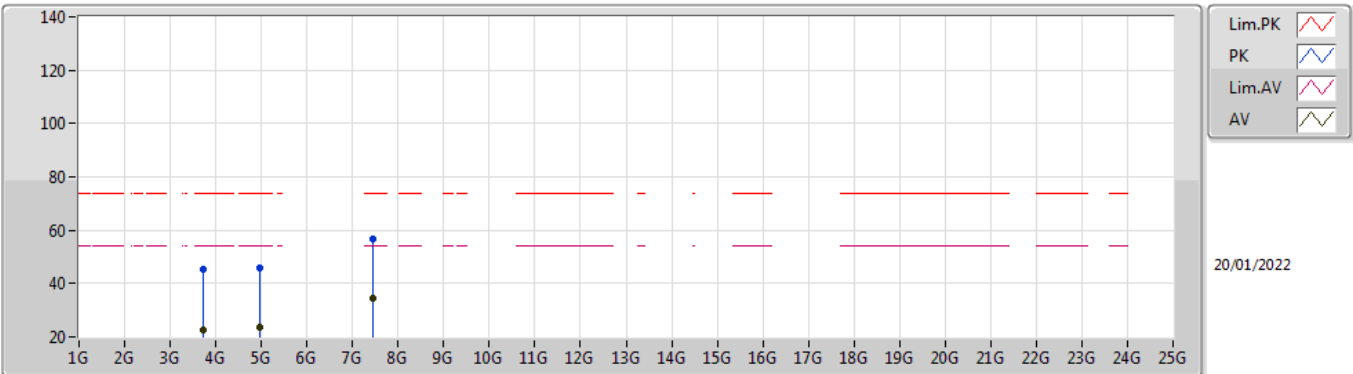
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4798G	75.57	Inf	-Inf	34.72	3	Horizontal	242	1.00	-	40.85	27.40	7.32	-
AV	2.4836G	36.44	54.00	-17.56	34.73	3	Horizontal	242	1.00	-	1.71	27.40	7.33	-
PK	2.4798G	98.07	Inf	-Inf	34.72	3	Horizontal	242	1.00	-	63.35	27.40	7.32	-
PK	2.4836G	58.94	74.00	-15.06	34.73	3	Horizontal	242	1.00	-	24.21	27.40	7.33	-

BT-BR(1Mbps)

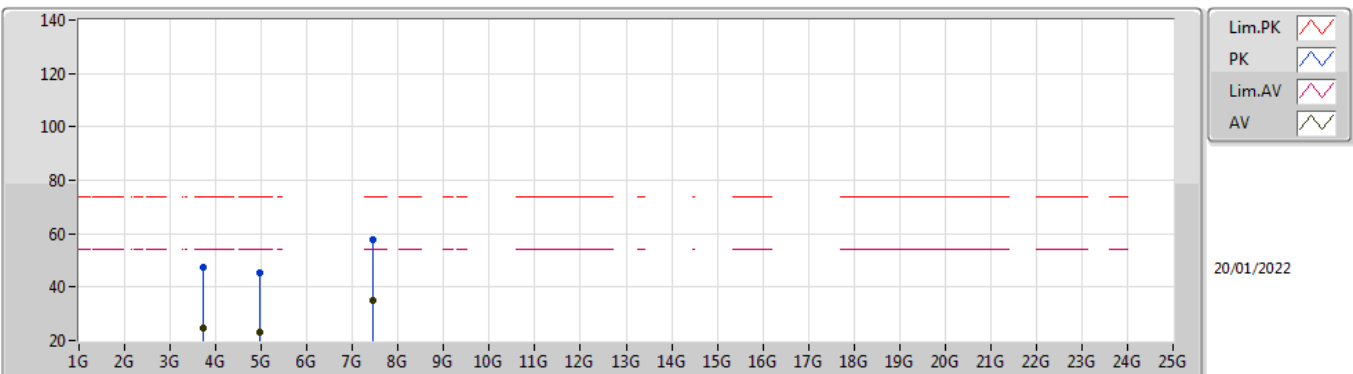
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	3.72019G	22.63	54.00	-31.37	2.59	3	Vertical	78	1.50	-	20.04	29.14	7.83	34.38
AV	4.96025G	23.60	54.00	-30.40	6.32	3	Vertical	54	2.57	-	17.28	31.42	9.02	34.12
AV	7.43954G	34.35	54.00	-19.65	12.51	3	Vertical	227	1.08	-	21.84	36.28	10.72	34.49
PK	3.72019G	45.13	74.00	-28.87	2.59	3	Vertical	78	1.50	-	42.54	29.14	7.83	34.38
PK	4.96025G	46.10	74.00	-27.90	6.32	3	Vertical	54	2.57	-	39.78	31.42	9.02	34.12
PK	7.43954G	56.85	74.00	-17.15	12.51	3	Vertical	227	1.08	-	44.34	36.28	10.72	34.49

BT-BR(1Mbps)

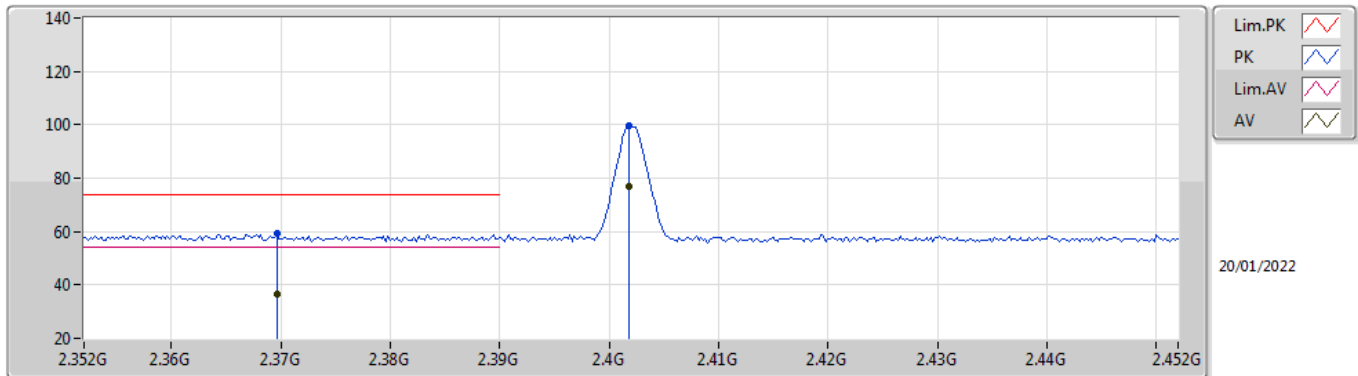
2480MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	3.72019G	24.79	54.00	-29.21	2.59	3	Horizontal	48	1.00	-	22.20	29.14	7.83	34.38
AV	4.96037G	22.97	54.00	-31.03	6.32	3	Horizontal	57	1.00	-	16.65	31.42	9.02	34.12
AV	7.43956G	35.06	54.00	-18.94	12.51	3	Horizontal	280	1.02	-	22.55	36.28	10.72	34.49
PK	3.72019G	47.29	74.00	-26.71	2.59	3	Horizontal	48	1.00	-	44.70	29.14	7.83	34.38
PK	4.96037G	45.47	74.00	-28.53	6.32	3	Horizontal	57	1.00	-	39.15	31.42	9.02	34.12
PK	7.43956G	57.56	74.00	-16.44	12.51	3	Horizontal	280	1.02	-	45.05	36.28	10.72	34.49

BT-EDR(3Mbps)

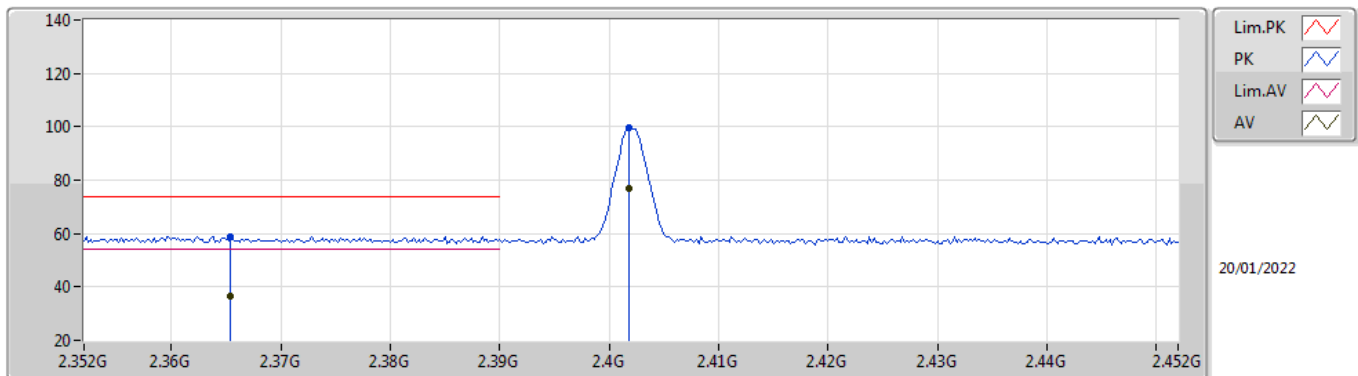
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3696G	36.62	54.00	-17.38	35.01	3	Vertical	250	1.11	-	1.61	27.76	7.25	-
AV	2.4018G	76.96	Inf	-Inf	34.95	3	Vertical	250	1.11	-	42.01	27.69	7.26	-
PK	2.3696G	59.12	74.00	-14.88	35.01	3	Vertical	250	1.11	-	24.11	27.76	7.25	-
PK	2.4018G	99.46	Inf	-Inf	34.95	3	Vertical	250	1.11	-	64.51	27.69	7.26	-

BT-EDR(3Mbps)

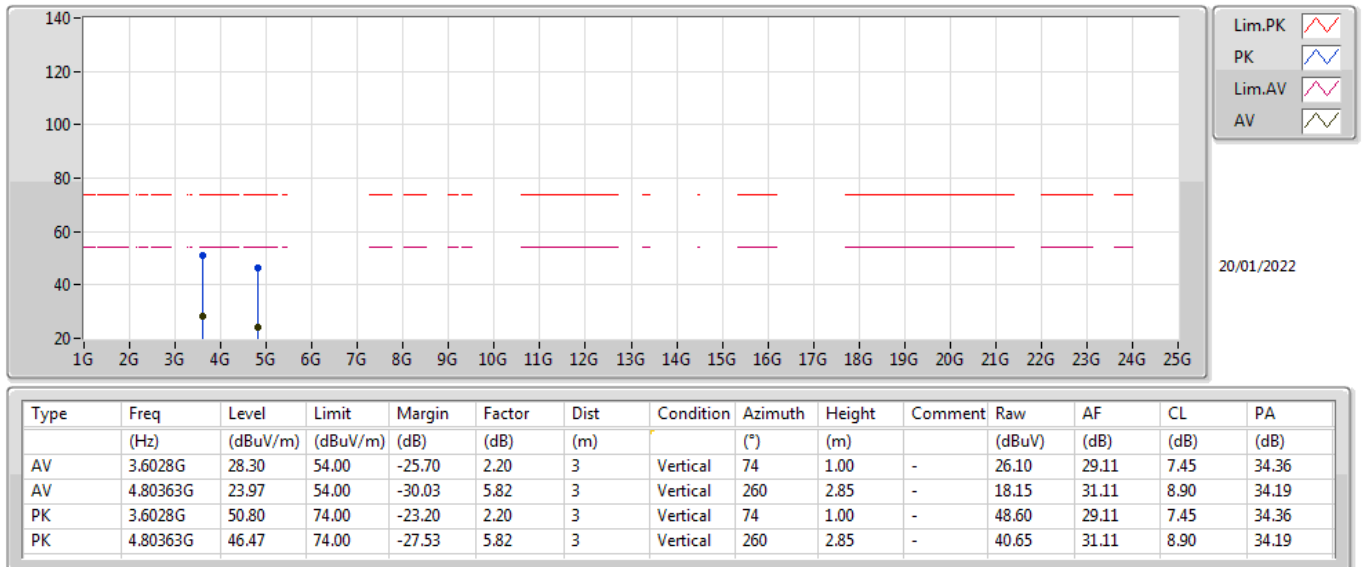
2402MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.3654G	36.52	54.00	-17.48	35.01	3	Horizontal	239	1.19	-	1.51	27.77	7.24	-
AV	2.4018G	77.10	Inf	-Inf	34.95	3	Horizontal	239	1.19	-	42.15	27.69	7.26	-
PK	2.3654G	59.02	74.00	-14.98	35.01	3	Horizontal	239	1.19	-	24.01	27.77	7.24	-
PK	2.4018G	99.60	Inf	-Inf	34.95	3	Horizontal	239	1.19	-	64.65	27.69	7.26	-

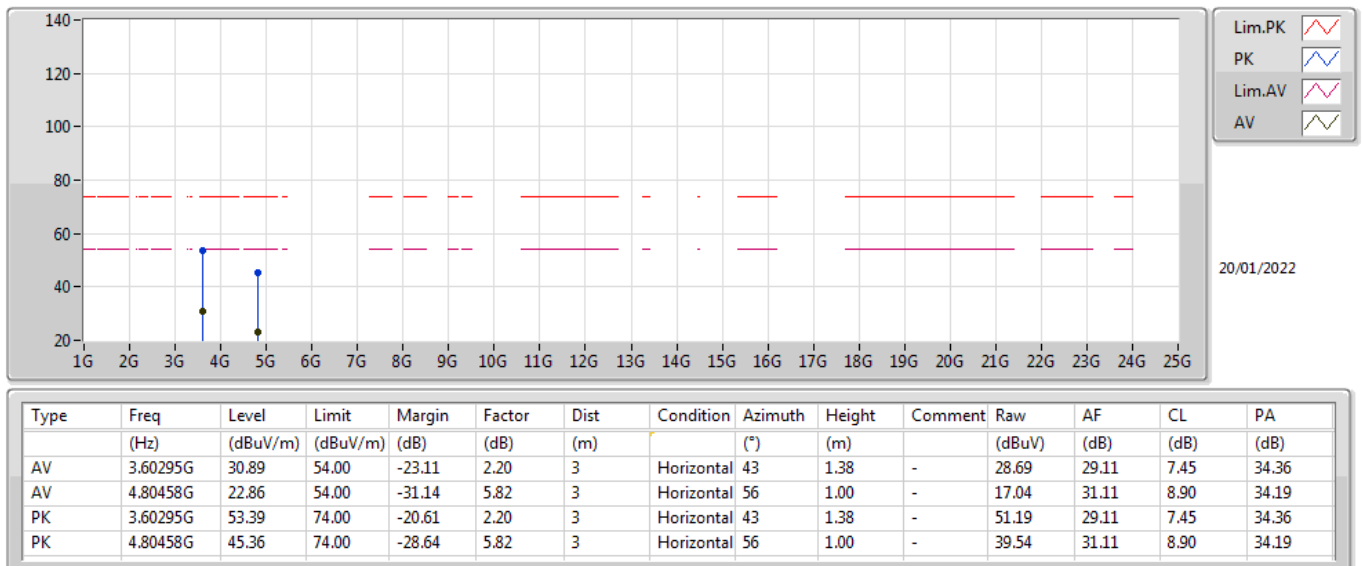
BT-EDR(3Mbps)

2402MHz_TX



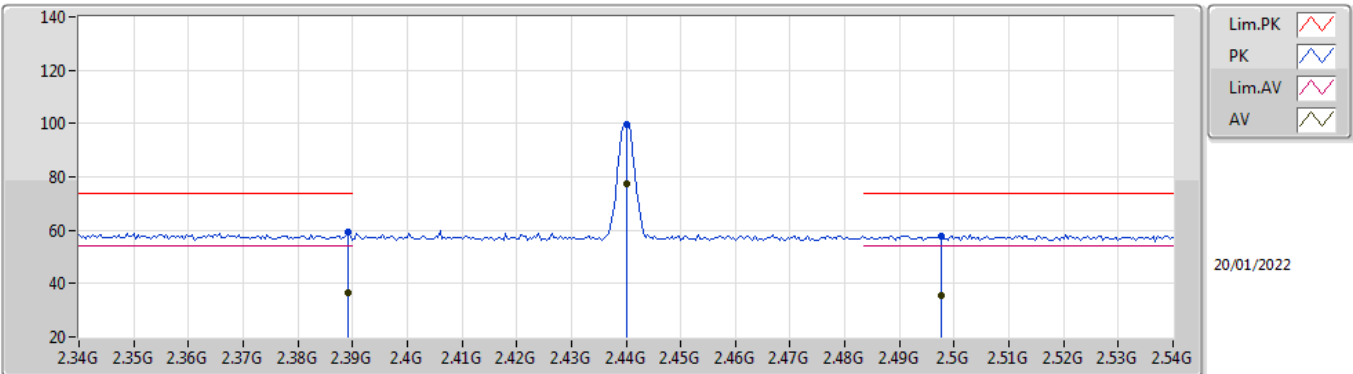
BT-EDR(3Mbps)

2402MHz_TX



BT-EDR(3Mbps)

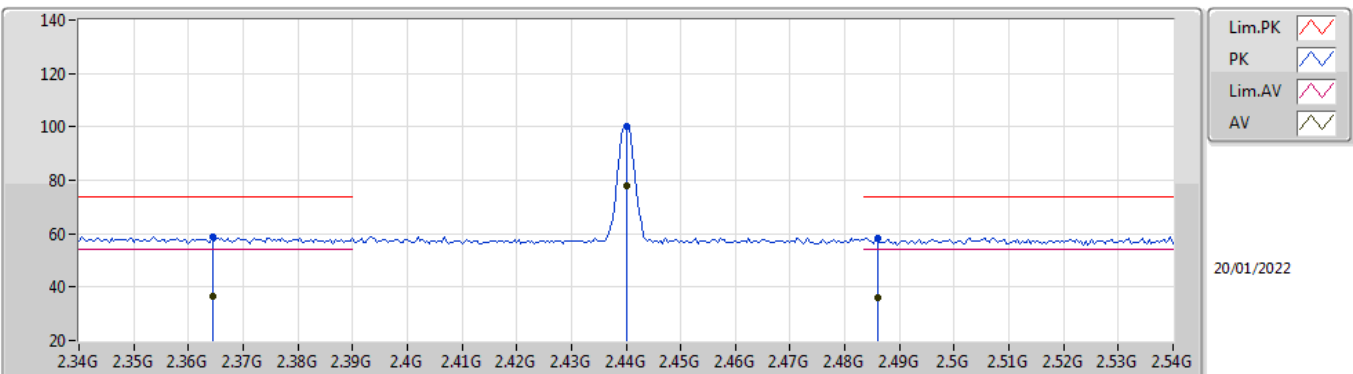
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3892G	36.67	54.00	-17.33	34.98	3	Vertical	241	1.14	-	1.69	27.72	7.26	-
AV	2.44G	77.29	Inf	-Inf	34.75	3	Vertical	241	1.14	-	42.54	27.46	7.29	-
AV	2.4976G	35.51	54.00	-18.49	34.74	3	Vertical	241	1.14	-	0.77	27.40	7.34	-
PK	2.3892G	59.17	74.00	-14.83	34.98	3	Vertical	241	1.14	-	24.19	27.72	7.26	-
PK	2.44G	99.79	Inf	-Inf	34.75	3	Vertical	241	1.14	-	65.04	27.46	7.29	-
PK	2.4976G	58.01	74.00	-15.99	34.74	3	Vertical	241	1.14	-	23.27	27.40	7.34	-

BT-EDR(3Mbps)

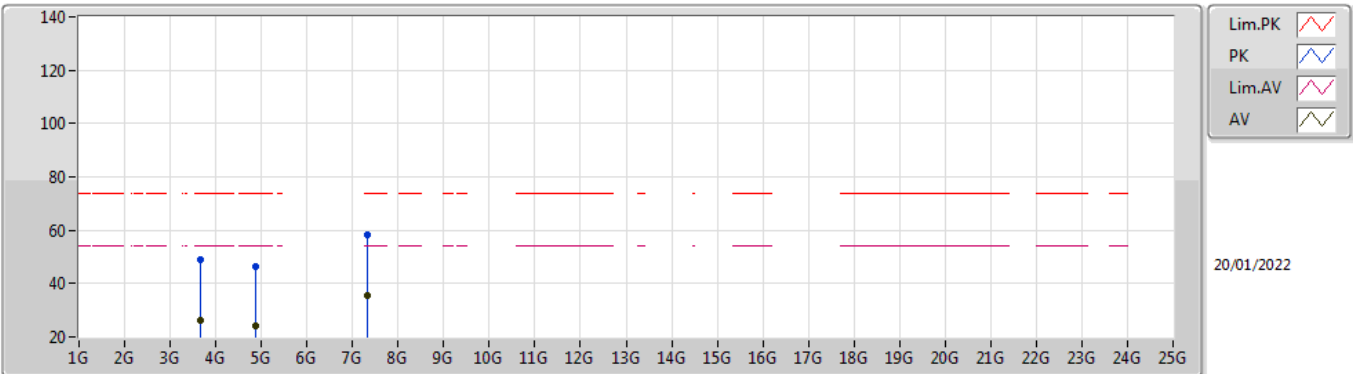
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	2.3644G	36.40	54.00	-17.60	35.01	3	Horizontal	244	1.24	-	1.39	27.77	7.24	-
AV	2.44G	77.72	Inf	-Inf	34.75	3	Horizontal	244	1.24	-	42.97	27.46	7.29	-
AV	2.486G	35.78	54.00	-18.22	34.73	3	Horizontal	244	1.24	-	1.05	27.40	7.33	-
PK	2.3644G	58.90	74.00	-15.10	35.01	3	Horizontal	244	1.24	-	23.89	27.77	7.24	-
PK	2.44G	100.22	Inf	-Inf	34.75	3	Horizontal	244	1.24	-	65.47	27.46	7.29	-
PK	2.486G	58.28	74.00	-15.72	34.73	3	Horizontal	244	1.24	-	23.55	27.40	7.33	-

BT-EDR(3Mbps)

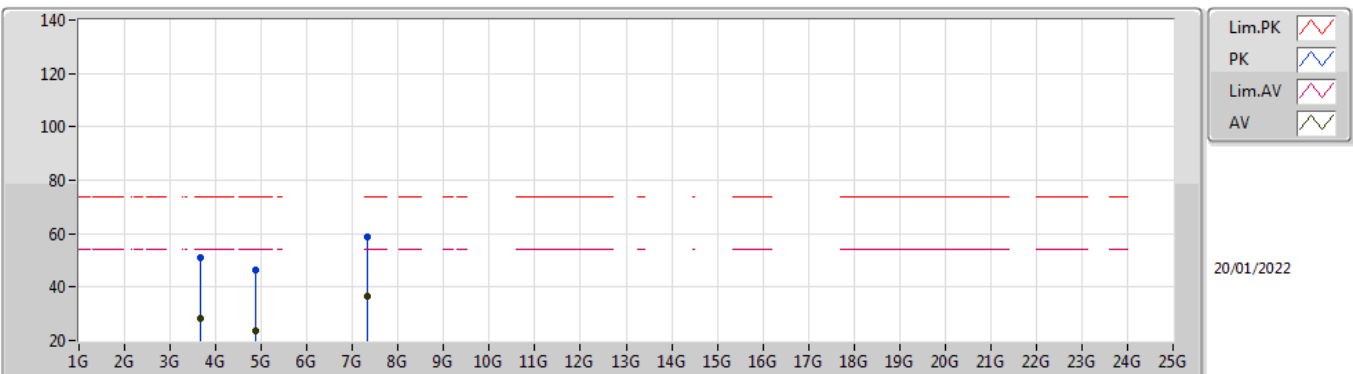
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	3.65986G	26.36	54.00	-27.64	2.44	3	Vertical	77	1.06	-	23.92	29.18	7.63	34.37
AV	4.87934G	23.91	54.00	-30.09	6.00	3	Vertical	259	2.91	-	17.91	31.20	8.96	34.16
AV	7.31953G	35.59	54.00	-18.41	12.49	3	Vertical	224	1.04	-	23.10	36.36	10.63	34.50
PK	3.65986G	48.86	74.00	-25.14	2.44	3	Vertical	77	1.06	-	46.42	29.18	7.63	34.37
PK	4.87934G	46.41	74.00	-27.59	6.00	3	Vertical	259	2.91	-	40.41	31.20	8.96	34.16
PK	7.31953G	58.09	74.00	-15.91	12.49	3	Vertical	224	1.04	-	45.60	36.36	10.63	34.50

BT-EDR(3Mbps)

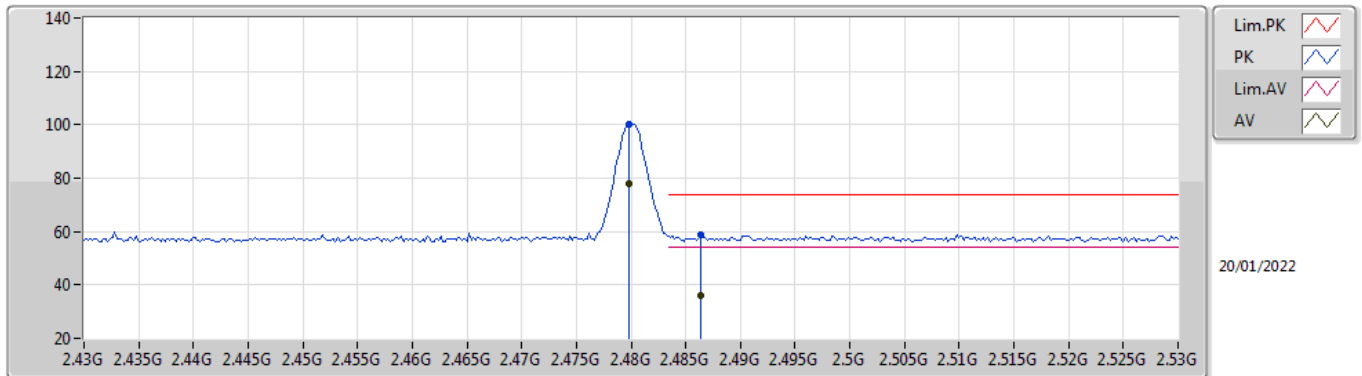
2440MHz_TX



Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height	Comment	Raw	AF	CL	PA
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)		(dBuV)	(dB)	(dB)	(dB)
AV	3.66007G	28.28	54.00	-25.72	2.45	3	Horizontal	44	1.04	-	25.83	29.18	7.64	34.37
AV	4.87992G	23.85	54.00	-30.15	6.00	3	Horizontal	194	2.85	-	17.85	31.20	8.96	34.16
AV	7.31939G	36.43	54.00	-17.57	12.49	3	Horizontal	275	1.00	-	23.94	36.36	10.63	34.50
PK	3.66007G	50.78	74.00	-23.22	2.45	3	Horizontal	44	1.04	-	48.33	29.18	7.64	34.37
PK	4.87992G	46.35	74.00	-27.65	6.00	3	Horizontal	194	2.85	-	40.35	31.20	8.96	34.16
PK	7.31939G	58.93	74.00	-15.07	12.49	3	Horizontal	275	1.00	-	46.44	36.36	10.63	34.50

BT-EDR(3Mbps)

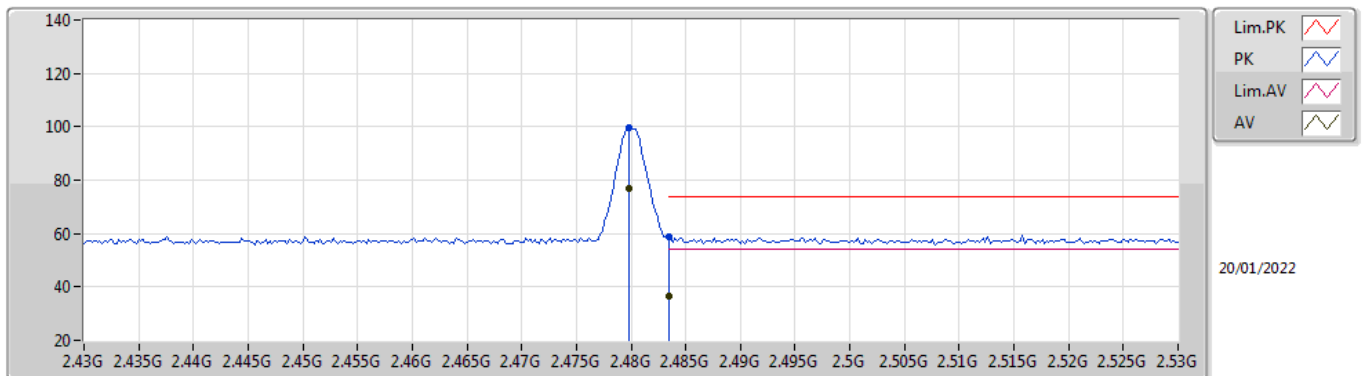
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4798G	77.78	Inf	-Inf	34.72	3	Vertical	240	1.00	-	43.06	27.40	7.32	-
AV	2.4864G	36.19	54.00	-17.81	34.73	3	Vertical	240	1.00	-	1.46	27.40	7.33	-
PK	2.4798G	100.28	Inf	-Inf	34.72	3	Vertical	240	1.00	-	65.56	27.40	7.32	-
PK	2.4864G	58.69	74.00	-15.31	34.73	3	Vertical	240	1.00	-	23.96	27.40	7.33	-

BT-EDR(3Mbps)

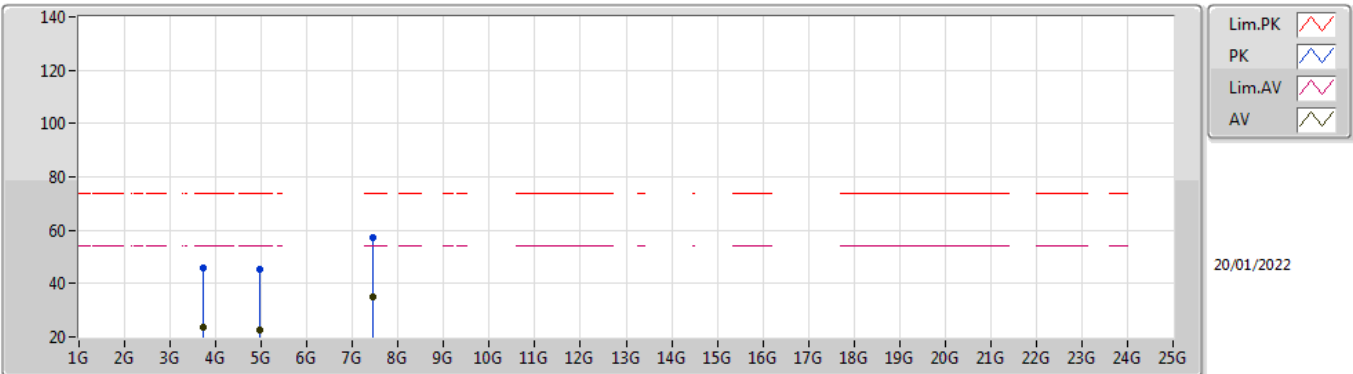
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	2.4798G	77.00	Inf	-Inf	34.72	3	Horizontal	242	1.00	-	42.28	27.40	7.32	-
AV	2.4835G	36.51	54.00	-17.49	34.73	3	Horizontal	242	1.00	-	1.78	27.40	7.33	-
PK	2.4798G	99.50	Inf	-Inf	34.72	3	Horizontal	242	1.00	-	64.78	27.40	7.32	-
PK	2.4835G	59.01	74.00	-14.99	34.73	3	Horizontal	242	1.00	-	24.28	27.40	7.33	-

BT-EDR(3Mbps)

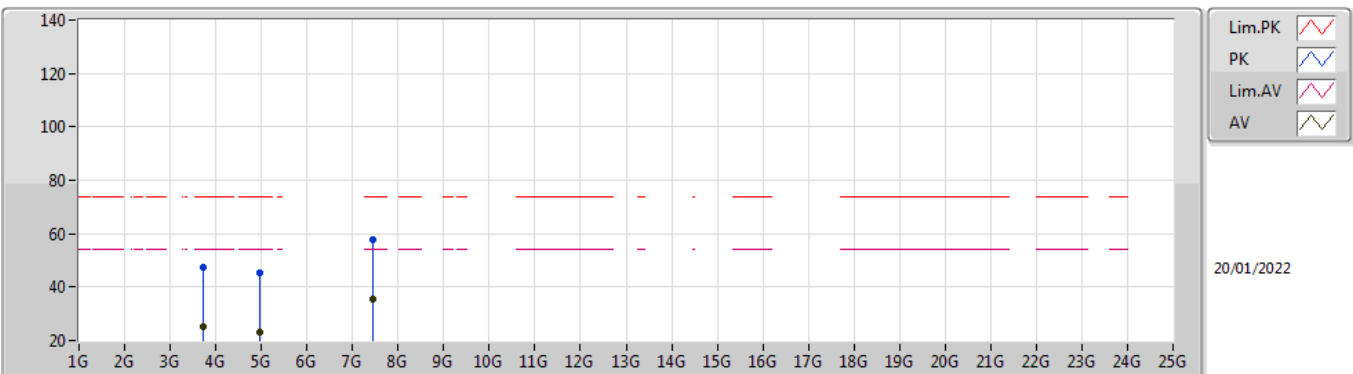
2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.71958G	23.37	54.00	-30.63	2.59	3	Vertical	76	1.12	-	20.78	29.14	7.83	34.38
AV	4.95985G	22.82	54.00	-31.18	6.32	3	Vertical	272	3.00	-	16.50	31.42	9.02	34.12
AV	7.44052G	34.96	54.00	-19.04	12.51	3	Vertical	226	1.05	-	22.45	36.28	10.72	34.49
PK	3.71958G	45.87	74.00	-28.13	2.59	3	Vertical	76	1.12	-	43.28	29.14	7.83	34.38
PK	4.95985G	45.32	74.00	-28.68	6.32	3	Vertical	272	3.00	-	39.00	31.42	9.02	34.12
PK	7.44052G	57.46	74.00	-16.54	12.51	3	Vertical	226	1.05	-	44.95	36.28	10.72	34.49

BT-EDR(3Mbps)

2480MHz_TX



Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Condition	Azimuth (°)	Height (m)	Comment	Raw (dBuV)	AF (dB)	CL (dB)	PA (dB)
AV	3.71993G	25.14	54.00	-28.86	2.59	3	Horizontal	47	1.02	-	22.55	29.14	7.83	34.38
AV	4.9595G	22.93	54.00	-31.07	6.32	3	Horizontal	57	1.32	-	16.61	31.42	9.02	34.12
AV	7.43948G	35.30	54.00	-18.70	12.51	3	Horizontal	278	1.02	-	22.79	36.28	10.72	34.49
PK	3.71993G	47.64	74.00	-26.36	2.59	3	Horizontal	47	1.02	-	45.05	29.14	7.83	34.38
PK	4.9595G	45.43	74.00	-28.57	6.32	3	Horizontal	57	1.32	-	39.11	31.42	9.02	34.12
PK	7.43948G	57.80	74.00	-16.20	12.51	3	Horizontal	278	1.02	-	45.29	36.28	10.72	34.49